

20040115.qrp v03\_n166.qrl.20040115

Date: Thu, 15 Jan 2004 19:03:13 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 3166

QRP-L Digest 3166

Topics covered in this issue include:

- 1) [165345] Re: Cable for ScQRPion Paddle  
by Jerry Haigwood <w5jh@swlink.net>
- 2) [165346] Re: SMT resistor kit needed  
by "Gene - NN7CK" <nn7ck@mindspring.com>
- 3) [165347] FISTS thread  
by <charlescurrey1@imcingular.com> (CHARLES CURREY)
- 4) [165348] Re: Front end filters  
by Karl Larsen <k5di@zianet.com>
- 5) [165349] Re: SMT resistor kit needed  
by "John J. McDonough" <wb8rcr@arrl.net>
- 6) [165350] Re: PLT banned in Austria  
by "Toby Deinhardt" <dj7mgq@muenchen-mail.de>
- 7) [165351] Re: SMT resistor kit needed  
by "R. Soetedjo" <robi@u.washington.edu>
- 8) [165352] Re: What Part of Sun Spot Cycle ????
- 9) [165353] Re: What Part of Sun Spot Cycle ????
- 10) [165354] Re: What Part of Sun Spot Cycle ????
- 11) [165355] radio, etc:  
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 12) [165356] Re: Cable for ScQRPion Paddle  
by "E. Roswell" <eroswell@monmouth.com>
- 13) [165357] Float battery charger .....  
by "Walt Amos" <waltamos4612@aaaahawk.com>
- 14) [165358] fists  
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 15) [165359] Re: How 'Bout Them Foxii?  
by "George, W5YR" <w5yr@att.net>
- 16) [165360] FS: Nor'easter  
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>
- 17) [165361] FYBO - temp scale  
by "Brian Riley (maillist)" <n1bq\_list@wulfdan.org>
- 18) [165362] RE: Front end filters  
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 19) [165363] RE: FYBO - temp scale

- by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
- 20) [165364] Logging software with support for FT-897?  
by Alex <kr1st@amsat.org>
- 21) [165365] Looking for K0EVZ  
by paule@sfu.ca
- 22) [165366] Re: radio, etc:  
by "Mike Yetsko" <myetsko@insydesw.com>
- 23) [165367] Re: What Part of Sun Spot Cycle ????  
by Bruce Muscolino <w6toy@erols.com>
- 24) [165368] Re: FYBO - temp scale  
by "Brian Murrey" <brian@iquiest.net>
- 25) [165369] RE: Looking for K0EVZ  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 26) [165370] Re: More antenna questions.  
by Bruce Muscolino <w6toy@erols.com>
- 27) [165371] Re: Iowa QRP Club CW Net  
by "sslyon" <sslyon@megalink.net>
- 28) [165372] FT:Digital Pages  
by "Bill Jones" <kd7s@psnw.com>
- 29) [165373] K1 #1776 on the bench!  
by Paul Mills <quahog@localnet.com>
- 30) [165374] Re: FYBO - temp scale  
by John Somerville <forthman@shaw.ca>
- 31) [165375] SOLD--DSW-II/20  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 32) [165376] K0EVZ e-mail problems 8^(  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 33) [165377] BPL Newscast  
by tk <gamach1@ispwest.com>
- 34) [165378] Wanted NJQRP PSK31 Audio Beacon Kit  
by Colin Mackay <Colin.Mackay@team.telstraclear.co.nz>
- 35) [165379] Re: Iowa QRP Club CW Net  
by Mark Milburn <mark.milburn@ispwest.com>
- 36) [165380] Re: FYBO - temp scale  
by John Sielke <jsielke@pobox.com>
- 37) [165381] Re: K1 #1776 on the bench!  
by Dale Botkin <dale@botkin.org>
- 38) [165382] Re: K0EVZ e-mail problems 8^(  
by grizzarv@mindspring.com
- 39) [165383] Re: K1 #1776 on the bench!  
by "Brad Hedges" <bhedges@nc.rr.com>
- 40) [165384] WTB 2 Tenna Dipper Kits  
by "Steve Blary" <steve@eclipsecat.com>
- 41) [165385] National Pig Day Sprint  
by "w8diz\_qrpl" <w8diz\_qrpl@partsandkits.com>
- 42) [165386] Disappointing QSOs last night  
by John Oppenheimer <john@KN5L.net>
- 43) [165387] K9YA Telegraph seeks QRP articles, ideas, etc.

by "Mike D." <hrg@cifnet.com>  
44) [165388] Re: Disappointing QSOs last night  
by Lloyd Lachow <llachow@yahoo.com>  
45) [165389] Pig sprint  
by Ed Lawson <k1vp@grizzly.com>  
46) [165390] RE: Disappointing QSOs last night  
by "Jim Sheldon" <w0eb@cox.net>  
47) [165391] Re: Antenna Dilenna  
by "Thom R. Lacosta" <lacosta@bcpl.net>  
48) [165392] Re: Antenna Dilenna  
by Lloyd Lachow <llachow@yahoo.com>  
49) [165393] TICK-4 CHIP INSTRUCTIONS  
by "Joseph Trombino Jr" <w2kj@bellsouth.net>  
50) [165394] WTS some misc edebris...  
by <ah7i@atl.org>  
51) [165395] Re: Pig sprint  
by Lloyd Lachow <llachow@yahoo.com>  
52) [165396] Re: National Pig Day Sprint  
by "Charles W3KC" <w3kc@starpower.net>  
53) [165397] RE: Disappointing QSOs last night  
by "Paul, VE1DY" <ve1dy@myway.com>  
54) [165398] Want - DL-QRP-PA kit or built for QRP Plus.  
by <mpupeza@sympatico.ca>  
55) [165399] Re: TICK-4 CHIP INSTRUCTIONS  
by "Mike WA8BXN" <hubby2k@hotmail.com>  
56) [165400] QRV from Seven Springs, AZ  
by <kdsweesey@cox.net>  
57) [165401] Re: FYBO - temp scale  
by k2zn@rochester.rr.com  
58) [165402] Re: Front end filters  
by Karl Larsen <k5di@zianet.com>  
59) [165403] RE: Front end filters  
by Karl Larsen <k5di@zianet.com>  
60) [165404] FYBO 04 Rules  
by "Bob Hightower" <rhightower@cox.net>  
61) [165405] non-polarized electrolytic  
by "Larry - WA2DGD" <wa2dgd@comcast.net>  
62) [165406] Re: Pig Rigs (was:Pig sprint)  
by John Sielke <jsielke@pobox.com>  
63) [165407] FA: New England QRP "40-40" 40 meter QRP transceiver unbuilt kit  
by "Richard L. Ferranti" <remler@juno.com>  
64) [165408] Re: non-polarized electrolytic  
by Bob Patten <n4bp@bellsouth.net>  
65) [165409] Re: Disappointing QSOs last night  
by John Sielke <jsielke@pobox.com>  
66) [165410] \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!\*\*\*  
by TJM <tjmc@erols.com>  
67) [165411] RE: non-polarized electrolytic

by Adam Farson <farson@shaw.ca>

68) [165412] Re: non-polarized electrolytic  
by "Larry - WA2DGD" <wa2dgd@comcast.net>

69) [165413] 2003 ARRL Frequency Measuring Test - results  
by Jim Giammanco <giamman@rouge.phys.lsu.edu>

70) [165414] Re: What Part of Sun Spot Cycle ????  
by "brian russell" <brian-nsl@freenet.co.uk>

71) [165415] Re: Pig Rigs -Bad Link  
by John Sielke <jsielke@pobox.com>

72) [165416] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

\*\*\*

by w5xe@juno.com

73) [165417] FOX: Web Site Info  
by "Marshall Emm" <mgemm@mtechnologies.com>

74) [165418] Re: non-polarized electrolytic  
by ac7a@earthlink.net

75) [165419] RE: Pig Rigs -Bad Link  
by "John A. Wells" <sidni@swbell.net>

76) [165420] Re: FA: New England QRP "40-40" 40 meter QRP transceiver  
unbuilt kit  
by Ed Tanton <n4xy@earthlink.net>

77) [165421] Instructions for Tick-4  
by "Joseph Trombino Jr" <w2kj@bellsouth.net>

78) [165422] Re: FYBO 04 Rules  
by "Bob Hightower" <rhightower@cox.net>

79) [165423] Voltage regulator in NC/RH series transceivers  
by "Joseph Trombino Jr" <w2kj@bellsouth.net>

80) [165424] Re: Cable for ScQRPion Paddle  
by "John" <johndorson@worldshare.net>

81) [165425] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY  
Park!!\*\*\*  
by <ah7i@atl.org>

82) [165426] RE: Front end filters  
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>

83) [165427] RE: Disappointing QSOs last night  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

84) [165428] RE: Front end filters  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

85) [165429] Iowa QRP Club CW Net  
by Mark Milburn <mark.milburn@ispwest.com>

86) [165430] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

\*\*\*

by "John J. McDonough" <wb8rcr@arrl.net>

87) [165431] RE: Want - DL-QRP-PA kit or built for QRP Plus.  
by "Sverre Holm" <svholm2@broadpark.no>

88) [165432] New Altoids Ad  
by "W. Keith Hibbert" <wkhibbert@frontiernet.net>

89) [165433] WTB DB25P cable

by <n2go@arrl.net>  
90) [165434] Sun Spot Cycles Remembered  
by Tom Mc <thom2@worldnet.att.net>  
91) [165435] RE: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!  
\*\*\*  
by "JBCrafts" <jbcraft@adelphia.net>  
92) [165436] Toroids and magnets  
by "Sverre Holm" <svholm2@broadpark.no>  
93) [165437] Re: New Altoids Ad  
by "Howard Kraus" <K2UD@adelphia.net>  
94) [165438] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!  
\*\*\*  
by Lee Mairs <lmairs@direcway.com>  
95) [165439] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!  
\*\*\*  
by Frank Brickle <brickle@pobox.com>  
96) [165440] Re: FYBO 04 Rules  
by "Howard Kraus" <K2UD@adelphia.net>  
97) [165441] ARCI Announcement  
by "Dick" <dick@pascoes.plus.com>  
98) [165442] HELP = Emtech ZM-2 pictorial/diagram  
by "Doc K0EVZ" <dock0evz@earthlink.net>  
99) [165443] RE: Want - DL-QRP-PA kit or built for QRP Plus.  
by John Sielke <jsielke@pobox.com>  
100) [165444] FOR SALE- DSW-20 - FREE BATTERY - FREE SHIPPING  
by "NORM KLIEMAN" <k9nk@msn.com>  
101) [165445] Re: HELP = Emtech ZM-2 pictorial/diagram  
by "Mike WA8BXN" <hubby2k@hotmail.com>  
102) [165446] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!  
\*\*\*  
by "K2PQ" <k2pq@comcast.net>  
103) [165447] Re: Toroids and magnets  
by "Leon Heller" <leon\_heller@hotmail.com>

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Date: Wed, 14 Jan 2004 16:24:21 -0700  
From: Jerry Haigwood <w5jh@swlink.net>  
To: rsrolfne@atnet.net, QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [165345] Re: Cable for ScQRPion Paddle  
Message-ID: <4005CFA5.337F6127@swlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob W7AVK wrote:

> Jerry and Folks - Used the same earphone set from our local "Dollar Store".

> Might add I was at a loss as how to hold the small wires in place under the  
> paddle. Then came the idea upon using a dab of clear epoxy glue. Works  
> fine.  
>  
> BTW - If anyone can't find the earphones and would like me to get them a  
> pair glad to do so for the costs and postage. I've two such stores in our  
> area, one was sold out, but the other had them.  
>  
> 73 Bob W7AVK  
>

Bob and all,

In the paddle instructions I mention using a stiff wire from a discarded component as a strain relief. I put 2-3 turns tightly around the cable and clamp the stiff wire to the paddle arm stop screw. Your epoxy method should also work well.

Jerry W5JH

-----  
Date: Wed, 14 Jan 2004 18:42:42 -0500  
From: "Gene - NN7CK" <nn7ck@mindspring.com>  
To: <kd4pbj@att.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Cc: <nn7ck@arrl.net>  
Subject: [165346] Re: SMT resistor kit needed  
Message-ID: <004e01c3daf8\$1c30a340\$0902a8c0@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Chris ... Take a look at <http://www.engineeringlab.com/index.html>

I think they have what you want.

Haven't had any personal experience with them yet.

Gene ... NN7CK ... Irmo, SC

----- Original Message -----

From: <kd4pbj@att.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, January 14, 2004 17:52 PM  
Subject: SMT resistor kit needed

> I borrowed some QRP Quarterlies from someone several years ago and  
remember a  
> mention in there of some company that sold Surface mount resistor kits and  
> had reasonable prices. Does anyone recall what company that may be?  
Thanks.  
>  
>  
> Chris Waldrup  
>  
> KD4PBJ  
>

-----  
Date: Wed, 14 Jan 2004 18:44:58 -0500  
From: <charlescurrey1@imcingular.com> (CHARLES CURREY)  
To: qrp-l@Lehigh.EDU  
Subject: [165347] FISTS thread  
Message-ID: <10092684.1973214191@imcingular.com>

Hi group,

Thanks to all who responded to my CQ FISTS question. I think the responses have about stopped so here are the results: 5 responders said they would answer the CQ and 4 of those were FISTS members, who acknowledged they would be calling other FISTS members but would be pleased to talk to anyone who answered. 11 responders said they would not answer the CQ. There were 3 responses that were equivocal and I just could not put them in either category and there was one tongue in cheek response that provided humor  
, but if there was an intent to indicate "yea" or "nea", I didn't get it. Sorry for the lack of perception on my part.

This helpful to me and I hope it is of some use to the group.

73 and thanks to all,

Chuck, kg4qqh

-----  
Date: Wed, 14 Jan 2004 17:00:40 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>

To: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165348] Re: Front end filters  
Message-ID: <Pine.LNX.4.44.0401141651570.5286-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:

> >On the same subject: When there's a preamp in the design, they usually  
> >put a broad filter in front of it and a narrow filter after it. I would  
> >have thought it would be better to get rid of most of the unwanted  
> >signals before a gain stage? What am I missing?  
>  
> The narrower the filter, the higher the loss. A filter that has higher Q  
> components (inductors) can be made into a narrower filter for the same loss.  
>  
> In general, most of the T-50 sized toroid cores have Qs in the 200 to 300  
> range, so a 14 MHz bandpass filter is often 400 KHz or so to keep the loss  
> under 1 db. On the other hand, a crystal has a Q of 300,000 or so, which  
> allows us to have 500 Hz bandpass filters with only a few db of loss.  
>  
> Because the preamp is being used to establish a low noise figure for the  
> receiver, it needs to have a low loss in front of it, since filter loss  
> will degrade the resulting noise figure db for db.

Yes Dan I agree with all that, but for 40 meters and longer wavelengths the Band Noise is so high that it swamps out almost the poorest pre-amp noise. So a filter might be good even though it introduces a higher noise figure.

When your at 2 meters and above the band noise (sun and star radiation) is so low you can build a 1/2 DB noise figure receiver with a Gallium Arsenide fet, and put that at the antenna with a mixer. I did that some years ago and then discovered I could track the sun on noise alone.

After the signal has  
> been amplified and the noise figure established, a more narrow filter (with  
> higher loss) can be used without hurting the sensitivity as much.  
>

Yes.

> In general the first filter width is a trade between signal rejection performance



> (bandwidth) and loss (effect on receiver sensitivity).

>

> - Dan, N7VE

>

>

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Wed, 14 Jan 2004 18:55:45 -0500

From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Cc: <kd4pbj@att.net>

Subject: [165349] Re: SMT resistor kit needed

Message-ID: <01c801c3daf9\$ed401e60\$090044c0@BrianBoru>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I don't know what was in QQ, but at Dayton last year I got a pretty reasonable SMT resistor kit from BaggyBob. He indicated he's not keeping his web page up to date, but I bet an email would get you a response.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: <kd4pbj@att.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, January 14, 2004 5:52 PM

Subject: SMT resistor kit needed

> I borrowed some QRP Quarterlies from someone several years ago and remember a

> mention in there of some company that sold Surface mount resistor kits and

> had reasonable prices. Does anyone recall what company that may be?

Thanks.

>

>

> Chris Waldrup

>

> KD4PBJ  
>

-----  
Date: Thu, 15 Jan 2004 00:56:01 +0100  
From: "Toby Deinhardt" <dj7mgq@muenchen-mail.de>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [165350] Re: PLT banned in Austria  
Message-ID: <009701c3daf9\$f68fd8c0\$0300a8c0@tobyWinXP>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Hi,

the way I understand the article from a local newspaper in Linz, Austria, the power company has been given a dead line of the end of January to reduce the extent of interference. Otherwise, the powerline service may (!) be stopped. The article does NOT say that PLC must be turned off. A decision as to the future of powerline will be made at the end of the month by the Verkehrsministerium (Bundesministerium f r Verkehr, Innovation und Technologie <<http://www.bmvit.gv.at/>>).

According to the below, interference complaints have been made by the austrian broadcasting company and amateurs. The power company claims that they are well under the legal levels but will make improvements.

In an older article from the same newspaper, they report of serious interference caused by PLC to various radio services and to emergency organizations.

For those who speak German, I have included links to the ministerium and have included two articles from the O Nachrichten.

Source: <http://www.nachrichten.at/wirtschaft/237023>

=====

POWERLINE: Linz AG muss nachr sten

St rungen m ssen bis Februar beseitigt sein

LINZ. Das Angebot der Linz AG, Internet-aus-der-Steckdose (Powerline), muss nachger stet werden. Wenn bis Ende J nner die von Powerline

verursachten Störungen nicht beseitigt sind, droht das Aus.

Das ist das Ergebnis eines Gesprächs zwischen der Linzer Funküberwachung und Vertretern der Linz AG. Amateurfunker und auch der ORF haben sich über Störungen im Kurzwellenbereich beschwert, die angeblich von Powerline verursacht werden. Es kommt immer wieder zu Hackern bei Übertragungen.

Nun muss die Linz AG die Internet-Modems umrüsten, um die Störungen zu beseitigen. Bis Ende Jänner hat sie damit Zeit, dann liegt es am Verkehrsministerium, wie es mit Internet-aus-der-Steckdose weitergeht.

"Wir liegen mit unserer Technik weit unter allen gesetzlich vorgeschriebenen Grenzwerten", sagt Linz-AG-Vorstand Josef Heizinger. Man werde trotzdem die Adaptierungen vornehmen.

Mehr als 1150 Kunden der Linz AG arbeiten bereits mit Powerline. Ziel der Linz AG ist es, bis zum Jahr 2007 15.000 Kunden zu haben. 17.000 Haushalte sind technisch bereits an Powerline angeschlossen. (kran)

0 Nachrichten vom 30.12.2003

Source: <http://www.nachrichten.at/wirtschaft/218910>

Internet-aus-Steckdose stört Radio und Funk

LINZ. Internet-aus-der-Steckdose verursacht bei Rettungsdiensten, Amateurfunkern und ORF Funkstörungen, sagen Experten. Die Linz AG wurde aufgefordert, die Störungen zu beseitigen.

Rund 900 Kunden der Linz AG arbeiten derzeit mit Internet-aus-der-Steckdose (Powerline). Die Technik verursache im Kurzwellenbereich aber immer wieder Störungen. Der Funkverkehr bricht ab, Radiosendungen sind nicht zu empfangen, sagen Experten. Von mehreren offiziellen Stellen wurde den 0 Nachrichten berichtet, dass es bei einer Katastrophenübung deshalb zu Problemen im Funkverkehr der Rettungsdienste gekommen sei. Der Kurzwellenbereich wird durch Powerline gestört, heißt es in einem Brief des Fernmeldebüros, das den 0 Nachrichten vorliegt. Die Linz AG müsse diese Störungen beseitigen.

Die von der World Telecommunication Union vorgegebenen Richtwerte werden von Powerline bis zum 10.000fachen überschritten, kritisieren Experten. "Stromleitungen werden zu Antennen. Wenn der Ausbau so weitergeht, wird

ganz Linz zu einer riesigen Antenne", so ein Experte aus dem Verkehrsministerium. Dann sei kein normaler Funkverkehr mehr möglich. Selbst im Pazifischen Ozean kann es so zu Störungen des Funkverkehrs kommen, heißt es unisono von Nachrichtentechnikern.

"Uns ist nur ein Störfall bekannt und da ist nicht sicher, ob wir den verursachen", sagt Karl Rossegger, Powerline-Chef der Linz AG. Bei den Meldungen handle es sich um Mopping der Amateurfunken. Diese hätten zu ORF und Verkehrsministerium ein Naheverhältnis, sagt Rossegger.

0 Nachrichten vom 10.10.2003

vy 73 de toby

-----  
Date: Wed, 14 Jan 2004 16:09:08 -0800 (PST)  
From: "R. Soetedjo" <robi@u.washington.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165351] Re: SMT resistor kit needed  
Message-ID: <Pine.A41.4.58.0401141607480.24650@homer07.u.washington.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I had good experiences with [www.vakits.com](http://www.vakits.com). They are also in ebay (nfc ceramics). They seem to have good prices.

rob

-----  
Date: Wed, 14 Jan 2004 19:09:17 -0500  
From: "Paul Valko - W8KC" <w8kc@comcast.net>  
To: <pwhelton@earthlink.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [165352] Re: What Part of Sun Spot Cycle ???  
Message-ID: <002701c3dafb\$d130ab20\$6901a8c0@hamshack1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Pat,

According to my calculations (some call it guessing) we are couple years into the DECLINE of the last peak. Peaks were +/- a year or so at 1979, 1990, 2001.

The next one will be in 2012. But the peaks are three years wide. So are the bottoms. We bottom out in 2006, 2007, 2008.

Don't think of it as entering the hobby at the wrong time. Anytime is the right time

And remember the QRP mantra...." 40 is always open."

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at <http://mywebpages.comcast.net/w8kc>

-----  
Date: Wed, 14 Jan 2004 16:41:45 -0800  
From: "Steve McDonald" <jsm@gulfislands.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [165353] Re: What Part of Sun Spot Cycle ????  
Message-ID: <001d01c3db00\$6061a200\$0d1279d1@jsm>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Don't think of it as entering the hobby at the wrong time. Anytime is the  
> right time

Good advise indeed! For many, such as 80/160m DXers, BCB DXers and LFers,  
the bottom of the cycle is the best part!

Steve / VE7SL

-----  
Date: Wed, 14 Jan 2004 16:41:48 -0800  
From: "Steve McDonald" <jsm@gulfislands.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [165354] Re: What Part of Sun Spot Cycle ????  
Message-ID: <001e01c3db00\$679e0cc0\$0d1279d1@jsm>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Visit the "THE VE7SL RADIO NOTEBOOK" at <http://www.imagenisp.ca/jsm>  
[L.F. Loop] [Tuna Tin DX] [H.F. Maritime DX] [Crystal Radio DXing] [136 kHz  
Band \* updated\*]

----- Original Message -----

From: Paul Valko - W8KC <w8kc@comcast.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Wednesday, January 14, 2004 4:09 PM  
Subject: Re: What Part of Sun Spot Cycle ????

> Pat,  
>  
> According to my calculations (some call it guessing) we are couple years  
> into the DECLINE of the last peak. Peaks were +/- a year or so at 1979,  
> 1990, 2001.  
>  
> The next one will be in 2012. But the peaks are three years wide. So are  
> the bottoms. We bottom out in 2006, 2007, 2008.  
>  
> Don't think of it as entering the hobby at the wrong time. Anytime is the  
> right time  
>  
> And remember the QRP mantra...." 40 is always open."  
>  
> 73! =paul= W8KC  
> Collector of Ten\*Tecs and other fine plastics.  
> Visit the Virtual Ten\*Tec Museum at <http://mywebpages.comcast.net/w8kc>  
>  
>

-----  
Date: Wed, 14 Jan 2004 19:48:04 -0500  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [165355] radio, etc:  
Message-ID: <012c01c3db01\$3c170e20\$3c3fca44@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This may again be OT, but, where else to go.!!

If anyone has a digital camera ( inexpensive, I won't say cheap) to sell, or trade (are you upgrading maybe?)

I'd be interested .!! I'm not the "wealthy" type but I might have something here worth looking at for trade.!!!

all I need is something to take closeup pics. to put on the computer to send to others.!! my future projects, maybe)

Any help or offers out there...??? I must ask for the "book" to go with it, cuz I'm not a " wizard" of course.!!!

carl / kz5ca

-----  
Date: Wed, 14 Jan 2004 19:48:28 -0500  
From: "E. Roswell" <eroswell@monmouth.com>  
To: qrp-1@Lehigh.EDU  
Subject: [165356] Re: Cable for ScQRPion Paddle  
Message-ID: <4005E35C.7070703@monmouth.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I use Shoe-Goo for holding down a lot of things,...looks like a good use for it here. It cures firm, like an RTV rubber, can be cut with a razor blade or knife should you want to remove it later. I think that would be easier than epoxy. Shoe-Goo is sold to repair sneakers, I get mine in the local Sports Authority.  
73, Ed, K2MGM.

-----  
Date: Wed, 14 Jan 2004 19:56:16 -0500  
From: "Walt Amos" <waltamos4612@aaahawk.com>  
To: "Qrp-L Mail" <qrp-1@lehigh.edu>  
Subject: [165357] Float battery charger .....  
Message-ID: <001e01c3db02\$61d67cd0\$58c83f40@WALTK8CV>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

No, not on eBay :-)

Some place called Harbor Freight tools.

Sale ends Feb 2, 2004

Won't overcharge batteries

Lot # 42292 normally \$16.99 sale \$7.99

Might just be the thing YOU want?

Walt K8CV Royal Oak, MI.

-----  
Date: Wed, 14 Jan 2004 19:59:02 -0500  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [165358] fists  
Message-ID: <015401c3db02\$c4749ca0\$3c3fca44@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't know what the protocol is today, but when I was younger!!!,(how many yrs.??) I answered any and all "CQ" s. many times I got no answer, BUT, we didn't have all these "exclusive" groups as we have today.!!

I myself would never refuse to answer ANY reply to my CQ if I heard it at any readable level. I'm from the old school and that's the way it was "back then".!!!

(way back when?? 1950)  
carl / kz5ca

-----  
Date: Wed, 14 Jan 2004 19:40:48 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: "Doc - W5TB" <w5tb@arrl.net>,  
      "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [165359] Re: How 'Bout Them Foxii?  
Message-ID: <062801c3db08\$f8add8f0\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"



Content-Transfer-Encoding: 7bit

Doc is so high enough now that his bounce distance is so short that he really barrels in!

73, George W5YR  
w5yr@att.net

----- Original Message -----

From: "Doc - W5TB" <w5tb@arrl.net>  
To: <w5yr@att.net>; "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, January 14, 2004 12:04 AM  
Subject: Re: How 'Bout Them Foxii?

>  
>  
> > HI, Doc  
> >  
> > I can't believe that I never heard you tonight!  
>  
> Doc although George didn't hear you it was probably because he was  
> distracted by computer problems and helping as always as our team coach.  
>  
> I heard you working the Truffle -- and you were an honest 20 db over S9!  
> Don't know what kind of antlers you are growing in that high NM air, but  
> they were certainly working last night!  
>  
> 72, 73, oo T.E. 'Doc' Drake, W5TB  
> Arlington, Texas  
> FISTS # 5365 QRP-1 # 3532 ARRL Life Member K1 #181 K2#1617  
> <http://www.qsl.net/w5tb>  
>

-----  
Date: Wed, 14 Jan 2004 20:48:00 -0500  
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>  
To: "Qrp-L" <qrp-l@lehigh.edu>  
Subject: [165360] FS: Nor'easter  
Message-ID: <ODE0IKLMAJFGCNMOGAGIMEKFEHAA.bowerm@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Still in shipping box. Never built (but looked at a few times.

Asking \$50 plus shipping CONUS only.

I can take PayPal, check, MO.

Michael N4NMR

-----  
Date: Wed, 14 Jan 2004 20:55:47 -0500  
From: "Brian Riley (maillist)" <n1bq\_list@wulfden.org>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [165361] FYB0 - temp scale  
Message-ID: <BC2B5D53.1D241%n1bq\_list@wulfden.org>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

I must agree ... I had -23.6F at the QTH last night and today's high was -13.4F in the sun!

We here at the Northern Vermont QRP Society were the lowest temperature of all stations in FYB0 for two of our three outings. We maxed the multiplier with 20 degrees to spare both years ... In fact we were still trying to figure out how to send the minus sign when time ran out one year, so we just send 0F and figured that was good enough. I cannot tell you how many times we sent our temperature as 4F or some equally low figure only to get a "TEMP?" back!

Obviously guys from Arizona suffer from too much sun ... They think +19F is a terribly cold temperature and end the scale there; +19F and lower is the max multiplier. Here in the "Northland" we say "poof ... piffle, a mere trifle" to +19F ... Real hams up here go out to warm up at +19F !!!! We would like to see the multiplier scales expanded down

+20-30	5X
+10-20F	6X
0-10F	7X
-10-0	8x
-20- -10	9X

-30- -20 ... errrrr ... well ... even we will concede that anyone operating outside at below -20F needs their meds adjusted!

Cheers ... 73 de brian, n1bq

On 1/14/04 1:05 PM, "sslyon" <sslyon@megalink.net> wrote:

> I was also wondering if we could extend the low end temp.  
> multiplier in order to encourage folks who live in Thermally  
> Challenged Environments. We "TCE's" need all the encouragement  
> we can get!  
>  
> For instance, it's nearly 1 PM here at FN44 and the temp hasn't  
> been above minus 12 F, in the sun. It was minus 24 last nite and  
> wind has been up to 50 mph. Don't want to encourage reckless  
> behavior, of course, and want to re-assure concerned folks that  
> one learns quickly the limits and skills to work in these  
> conditions. The ones who don't are usually found during the  
> April Thaw.

-----  
Date: Wed, 14 Jan 2004 19:04:25 -0700  
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
To: "'Karl Larsen'" <k5di@zianet.com>,  
Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165362] RE: Front end filters  
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734E77@az33exm05.corp.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain

It simply means that on 40m sensitivity is not an issue, so the trade can be made for less sensitivity (increased loss) and a more narrow response. I would not use a pre-amp on 40m. I think the trade is different on 20 or 15m where the noise levels are much lower.

- Dan, N7VE

> -----Original Message-----  
> From: Karl Larsen [mailto:k5di@zianet.com]  
> Sent: Wednesday, January 14, 2004 5:01 PM  
> To: Tayloe Dan-P26412  
> Cc: Low Power Amateur Radio Discussion  
> Subject: Re: Front end filters  
>  
>  
> On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:  
>  
> > On the same subject: When there's a preamp in the design,  
> they usually

> > >put a broad filter in front of it and a narrow filter  
> after it. I would  
> > >have thought it would be better to get rid of most of the  
> unwanted  
> > >signals before a gain stage? What am I missing?  
> >  
> > The narrower the filter, the higher the loss. A filter  
> that has higher Q  
> > components (inductors) can be made into a narrower filter  
> for the same loss.  
> >  
> > In general, most of the T-50 sized toroid cores have Qs in  
> the 200 to 300  
> > range, so a 14 MHz bandpass filter is often 400 KHz or so  
> to keep the loss  
> > under 1 db. On the other hand, a crystal has a Q of  
> 300,000 or so, which  
> > allows us to have 500 Hz bandpass filters with only a few  
> db of loss.  
> >  
> > Because the preamp is being used to establish a low noise  
> figure for the  
> > receiver, it needs to have a low loss in front of it, since  
> filter loss  
> > will degrade the resulting noise figure db for db.  
>  
> Yes Dan I agree with all that, but for 40 meters and longer  
> wavelengths the Band Noise is so high that it swamps out almost the  
> poorest pre-amp noise. So a filter might be good even though it  
> introduces a higher noise figure.  
>  
> When your at 2 meters and above the band noise (sun and star  
> radiation) is so low you can build a 1/2 DB noise figure  
> receiver with a  
> Gallium Arsenide fet, and put that at the antenna with a mixer. I did  
> that some years ago and then discovered I could track the sun  
> on noise  
> alone.  
>  
>  
>  
> After the signal has  
> > been amplified and the noise figure established, a more  
> narrow filter (with  
> > higher loss) can be used without hurting the sensitivity as much.  
> >  
>  
> Yes.

>  
> > In general the first filter width is a trade between signal  
> rejection performance  
> > (bandwidth) and loss (effect on receiver sensitivity).  
> >  
> > - Dan, N7VE  
> >  
> >  
> >  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -  
>

-----  
Date: Wed, 14 Jan 2004 21:32:47 -0500  
From: "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>,  
<qrp-canada@gpfn.sk.ca>  
Subject: [165363] RE: FYB0 - temp scale  
Message-ID: <014d01c3db0f\$dd70b790\$0b3ad3d8@flesnick>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

-29C tonight with no wind chill..-39C with, -40f and -40C are equal....  
Lets hope it warms up a bit for FYB0.

Fred  
VE3FAL

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf  
Of Brian Riley (maillist)  
Sent: January 14, 2004 8:56 PM  
To: Low Power Amateur Radio Discussion  
Subject: FYB0 - temp scale

I must agree ... I had -23.6F at the QTH last night and today's high  
was  
-13.4F in the sun!

We here at the Northern Vermont QRP Society were the lowest temperature  
of  
all stations in FYB0 for two of our three outings. We maxed the

multiplier  
with 20 degrees to spare both years ... In fact were were still trying  
to  
figure out how to send the minus sign when time ran out one year, so we  
just  
send 0F and figured that was good enough. I cannot tell you how many  
times  
we sent our temperature as 4F or some equally low figure only to get a  
"TEMP?" back!

Obviously guys from Arizona suffer from too much sun ... They think +19F  
is  
a terribly cold temperature and end the scale there; +19F and lower is  
the  
max multiplier. Here in the "Northland" we say "poof ... piffle, a mere  
trifle" to +19F ... Real hams up here go out to warm up at +19F !!!!  
We  
would like to see the multiplier scales expanded down

+20-30	5X
+10-20F	6X
0-10F	7X
-10-0	8x
-20- -10	9X

-30- -20 ... errrrr ... well ... even we will concede that anyone  
operating outside at below -20F needs their meds adjusted!

Cheers ... 73 de brian, n1bq

On 1/14/04 1:05 PM, "sslyon" <sslyon@megalink.net> wrote:

> I was also wondering if we could extend the low end temp.  
> multiplier in order to encourage folks who live in Thermally  
> Challenged Environments. We "TCE's" need all the encouragement  
> we can get!  
>  
> For instance, it's nearly 1 PM here at FN44 and the temp hasn't  
> been above minus 12 F, in the sun. It was minus 24 last nite and  
> wind has been up to 50 mph. Don't want to encourage reckless  
> behavior, of course, and want to re-assure concerned folks that  
> one learns quickly the limits and skills to work in these  
> conditions. The ones who don't are usually found during the  
> April Thaw.

-----  
Date: Wed, 14 Jan 2004 21:41:56 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [165364] Logging software with support for FT-897?  
Message-ID: <4005FDF4.A1E3367B@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi there,

Does anyone know of a Windows logging (DX and contest) program that supports the FT-897? Currently I use YPLog, but it has no support for the 897 and the developer doesn't support it anymore, unfortunately. It really is too bad as enjoy using it a lot.

I think WriteLog does support the 897, but there's no trial version available. I gladly buy software, even if expensive, but not solely based on testimonials and reviews.

73,  
--Alex KR1ST  
<http://www.kr1st.com>

-----  
Date: Wed, 14 Jan 2004 19:03:20 -0800  
From: paule@sfu.ca  
To: qrp-l@Lehigh.EDU  
Subject: [165365] Looking for K0EVZ  
Message-ID: <200401150303.i0F33KRe017759@rm-rstar.sfu.ca>  
Content-Type: text/plain  
Content-Disposition: inline  
Content-Transfer-Encoding: binary  
MIME-Version: 1.0

Has anyone heard from Doc lately? We have been corresponding on an issue and I need to get his mailing address soon, and I've not heard back from him in a while.

Any contact assistance would be greatly appreciated.

cheers, Paul - VA7NT ex VE7CQK - email: paule@sfu.ca  
"Those who hear not the music. . . think the dancers mad."

Date: Wed, 14 Jan 2004 22:05:08 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <carlseye@tampabay.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [165366] Re: radio, etc:  
Message-ID: <002d01c3db14\$64c0ed60\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> This may again be OT, but, where else to go.!!  
> If anyone has a digital camera ( inexpensive, I won't say cheap) to  
> sell, or trade (are you upgrading maybe?)  
> I'd be interested .!! I'm not the "wealthy" type but I might have  
something  
> here worth looking at for trade.!!!  
> all I need is something to take closeup pics. to put on the computer  
to  
> send to others.!! my future projects, maybe)  
> Any help or offers out there..??? I must ask for the  
> "book" to go with it, cuz I'm not a " wizard" of course.!!!  
> carl / kz5ca

Well, I don't want to sell or trade any of mine, but it pays to keep an  
eye out at Wal-Mart. The last one I picked up was a Vivitar DSC350.  
It was on 'closeout' at Wal-Mart and I got it last spring for just over  
\$60. New in the box.

Mike

-----  
Date: Wed, 14 Jan 2004 22:12:27 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: pwhelton@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [165367] Re: What Part of Sun Spot Cycle ????  
Message-ID: <4006051B.5A35671E@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Pat,  
>  
> Without getting all technical on me and talking about K indexes, MUF,



> geomagnetic activity, ionospheric absorption, aurora effect, F2 ionization  
> and basically showing off your smarts can someone tell me where we are in  
> the 11 year cycle? Are we at the beginning, the middle or the end?  
>

I won't give you an answer in terms of the conditions that affect the ionosphere or those that are used to measure it. Frankly, it would be boring and take more trouble than it is worth. Instead I will try to give you a practical ham's answer, in terms of operating.

Yes, there is an eleven year, approximate, cycle associated with solar phenomena. The question you should be asking is "so what". The last peak was somewhere around 2000, I think. We have about 2 or 3 years until we hit bottom and then start back up. The next peak will be around 2011.

That's a long time to wait for conditions where DX is heard 24/7 on some bands. Did you get your license back at the wrong time? I don't think so. The bands never really go completely dead. True, the best bands go down as the cycle nears its low point, so become an 80 meter DXer, or work 40, or 160. They will keep you busy, but don't forget to slowly tune across 10 or 15 every so often. You might be surprised at what you hear and work.

I have found 20 to provide the most consistent results through the peaks and valleys of the cycle. 40 is always good, and now we have 30; all good territory to explore. As far as DX goes, don't expect to hear them every minute of every hour even when the sunspots are at their peak. Radio just doesn't work that way. The bands are never like the short-wave broadcasting bands. And don't hold on to ceremony, use some QRO power to work some of the ones you do hear.

In short, don't give up the ship. There will be plenty to work. Be a ham, be resourceful!

Bruce

-----  
Date: Wed, 14 Jan 2004 22:25:20 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: <n1bq\_list@wulfdan.org>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [165368] Re: FYBO - temp scale  
Message-ID: <000801c3db1e\$0d4f52b0\$02fea8c0@bjmw2k>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Brian I live in New Whiteland Indiana.

We're a small town and we hold but one distinction....

State Record low temp -31F about 8 years ago. I'm down in a geological depression about 20 miles south of Indianapolis. If you watch the WX map, we're usually colder than Fairbanks Alaska every winter. We live in a what I call a "suckhole" of warmth.

I want to move to Belize.

de KB9BVN

----- Original Message -----

From: "Brian Riley (maillist)" <n1bq\_list@wulfdn.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, January 14, 2004 8:55 PM

Subject: FYBO - temp scale

> I must agree ... I had -23.6F at the QTH last night and today's high was  
> -13.4F in the sun!  
>  
> We here at the Northern Vermont QRP Society were the lowest temperature of  
> all stations in FYBO for two of our three outings. We maxed the multiplier  
> with 20 degrees to spare both years ... In fact were were still trying to  
> figure out how to send the minus sign when time ran out one year, so we just  
> send 0F and figured that was good enough. I cannot tell you how many times  
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> max multiplier. Here in the "Northland" we say "poof ... piffle, a mere  
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We

> would like to see the multiplier scales expanded down

>

> +20-30 5X

> +10-20F 6X

> 0-10F 7X

> -10-0 8x

> -20- -10 9X

>

> -30- -20 ... errrrr ... well ... even we will concede that anyone  
> operating outside at below -20F needs their meds adjusted!

>

> Cheers ... 73 de brian, n1bq

>

> On 1/14/04 1:05 PM, "sslyon" <sslyon@megalink.net> wrote:

>

> > I was also wondering if we could extend the low end temp.

> > multiplier in order to encourage folks who live in Thermally

> > Challenged Environments. We "TCE's" need all the encouragement

> > we can get!

> >

> > For instance, it's nearly 1 PM here at FN44 and the temp hasn't

> > been above minus 12 F, in the sun. It was minus 24 last nite and

> > wind has been up to 50 mph. Don't want to encourage reckless

> > behavior, of course, and want to re-assure concerned folks that

> > one learns quickly the limits and skills to work in these

> > conditions. The ones who don't are usually found during the

> > April Thaw.

>

>

>

-----

Date: Wed, 14 Jan 2004 22:25:2 -0600

From: "Doc K0EVZ" <dock0evz@earthlink.net>

To: paule@sfu.ca, "qrp-l reflector" <qrp-l@lehigh.edu>

Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>

Subject: [165369] RE: Looking for K0EVZ

Message-ID: <41200414154252525@earthlink.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Paul:

I just sent you another e-mail directly. Sure hope you got it. We are all

set for the deal, and I will ship the item to you tomorrow. Will e-mail confirmation shortly afterward. Thanks! Here's hoping this message gets through. Perhaps Earthlink is filtering something out.

73,

--Doc/K0EVZ

> [Original Message]

> From: <paule@sfu.ca>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Date: 1/14/2004 9:03:20 PM

> Subject: Looking for K0EVZ

>

> Has anyone heard from Doc lately? We have been corresponding

> on an issue and I need to get his mailing address soon, and

> I've not heard back from him in a while.

>

> Any contact assistance would be greatly appreciated.

>

> cheers, Paul - VA7NT ex VE7CQK - email: paule@sfu.ca

> "Those who hear not the music. . . think the dancers mad."

-----  
Date: Wed, 14 Jan 2004 23:20:57 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: kb8rtz@comcast.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [165370] Re: More antenna questions.

Message-ID: <40061529.E8E6DA18@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

>

> To make things simple I plan to make a gamma match for a grounded vertical.

> When I make the gamma match, is the position of the capacitor critical?

>

So far as I know it probably will not make much of a difference.

Placement at the feed end is usually done for convenience. I have seen DDRR type antennas with the matching capacitor out on the end of the matching stub.

The question I have to ask is why Gamma match. Yes it is relatively easy to make and works well, but for a vertical? Verticals generally have a low enough feed point impedance to present a good match to 50 ohm coax. It hardly seems worth the fuss and bother of going through all the weatherproofing of the Gamma box.

>

> Scrunching the antenna to make it compact.t

>

Now we get down to the real issue here; short antennas and multi-band use. On your Larsen the coil acts as more than a simple loading coil. Loading coils appear everyday in verticals; they are usually called traps and yield a multi-band antenna. I would recommend one of these before I would go through the trouble of building a homebrew vertical array. No problems worrying about spacing and no feed point problems.

But since you asked, what you are referring to is a center loaded antenna. A good choice but not the best. The best place to put the loading coil is at the top, and make it part of a "top hat". A look through the past issues of QST will show you several examples, complete with measurement data and the builder's claims!

I would stay away from very short verticals. You will pay a price in bandwidth and the feed point impedance drops miserably. I would also avoid helically wound verticals even though I have built and used three of them. You are letting yourself in for months of experimentation, they don't work any better than the equivalent aluminum pole and feeding their 1/4 ohm feed point impedance is quite a challenge!

>

> Last but not least, antenna placement. Assuming I used several verticals for  
> different bands, how far apart should they be?

>

I think you have to have enough space between each antenna so one antenna doesn't de-tune the other. What's the ideal spacing? I have seen articles where they all sprouted from a common point, but then again he wasn't using any kind of loading. And we've all seen the mobile system sold with some Huster whips.

Date: Wed, 14 Jan 2004 23:28:18 -0500  
From: "sslyon" <sslyon@megalink.net>  
To: <mark.milburn@ispwest.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [165371] Re: Iowa QRP Club CW Net  
Message-ID: <005001c3db20\$006d37e0\$13c8e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I got home just in time to hear your last exchange, at esp  
levels. Gave a few calls but no go. Hope 160m runs better  
tonite!  
73  
seab

-----  
Date: Wed, 14 Jan 2004 21:44:18 -0800  
From: "Bill Jones" <kd7s@psnw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [165372] FT:Digital Pages  
Message-ID: <001501c3db2a\$a4c8fa90\$36c83542@RadioRoom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Friends,

I have a brand new numeric, digital pager for trade. It was sold through  
Radio Shack but the pager is actually a Motorola "Pronto Flex" device. It  
has never been activated but the instructions suggest contacting PageMart  
for service. It is in the original box and comes complete with original  
documentation. I put a battery in and it came to life immediately saying,  
"no pages."

I am retired so have no use for a pager. I'd like to swap it for something  
you have no use for.

=====  
Bill Jones KD7S <><  
<http://www.psnw.com/~kd7s>  
Sanger, California  
=====

-----  
Date: Thu, 15 Jan 2004 06:02:44 +0000 (UTC)  
From: Paul Mills <quahog@localnet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165373] K1 #1776 on the bench!  
Message-ID: <Pine.LNX.4.53.0401150553230.379@daystar.localnet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

0055 EST:

The filter board is all done, except for the toroids and pin headers. I'll save them for tomorrow.

???

When you guys finish a module, do you ever just pick it up and stare at it?

Do you critique your soldering and wonder how you could have done it better?

When you finish a project, do you feel something like post-partum depression?

When you are in the middle of a project, are you already planning the next one? (My piggy bank is kinda empty, but I'm already saving up for a K2)

Paul KB1GEJ

-----  
Date: Wed, 14 Jan 2004 23:11:11 -0800  
From: John Somerville <forthman@shaw.ca>  
To: n1bq\_list@wulfdan.org  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165374] Re: FYBO - temp scale  
Message-ID: <40063D0F.2040906@shaw.ca>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1; format=flowed  
Content-transfer-encoding: 7BIT

Brian Riley (maillist) wrote:

>I must agree ...

>

I also agree. Here at 51.5 N it is about +35F, (global warming is real), however two weeks ago it was -40 (F or C take your pick). And although I might need my meds adjusted, I might try for one contact at that temperature. Why have a lower limit?

Regards John VE7CFG

-----  
Date: Thu, 15 Jan 2004 2:46:42 -0600  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [165375] SOLD--DSW-II/20  
Message-ID: <412004141584642701@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

The Small Wonder Labs DSW-II for 20 Metres has found a new home. Today it began its journey. This is truly a fabulous rig, and I will miss it. But the new owner will surely treasure it, as well.

73,  
--Doc/K0EVZ

-----  
Date: Thu, 15 Jan 2004 2:47:6 -0600  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [165376] K0EVZ e-mail problems 8^(  
Message-ID: <4120041415847655@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:



If you have sent me e-mail in the last few days, chances are that I did not receive it. Not sure what's up here.....but apparently I have a problem. Sorry for any confusion. Fingers crossed for success in getting this \*&!\* computer going right again. Thanks for the BW.

73,  
--Doc/K0EVZ

-----  
Date: Thu, 15 Jan 2004 06:59:12 -0500  
From: tk <gamach1@ispwest.com>  
To: qrp-1@lehigh.edu  
Subject: [165377] BPL Newscast  
Message-ID: <40068090.8070408@ispwest.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I sent FOX 5 WTTG in Wash DC an email suggesting that they contact the ARRL for a followup story.

Ted in Atlanta KD4EE

-----  
Date: Fri, 16 Jan 2004 01:43:02 +1300  
From: Colin Mackay <Colin.Mackay@team.telstraclear.co.nz>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [165378] Wanted NJQRP PSK31 Audio Beacon Kit  
Message-ID: <54F5AEE2A110BF489CB8401673266337057A78CC@TAKAEX01.clear.co.nz>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1

Hi, I am seeking a New Jersey QRP PSK31 Audio Beacon Kit. Built or Unassembled.

Cheers  
Colin Mackay ZL1BTT

-----  
Date: Thu, 15 Jan 2004 06:57:08 -0600  
From: Mark Milburn <mark.milburn@ispwest.com>  
To: sslyon@megalink.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [165379] Re: Iowa QRP Club CW Net  
Message-ID: <40068E24.1080604@ispwest.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I heard you, Seab, but by the time I got your name written down and called you back, you were in QSO with some fella from Virginia. Got you checked in, though. Thanks for the effort...I think we're gaining on it.  
72 Mark

sslyon wrote:

> I got home just in time to hear your last exchange, at esp  
> levels. Gave a few calls but no go. Hope 160m runs better  
> tonite!  
> 73  
> seab  
>  
>  
>

-----  
Date: Thu, 15 Jan 2004 08:14:14 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [165380] Re: FYB0 - temp scale  
Message-ID: <40069226.6030405@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

> We  
> would like to see the multiplier scales expanded down  
>  
> +20-30 5X  
> +10-20F 6X  
> 0-10F 7X  
> -10-0 8x

> -20- -10 9X  
>  
> -30- -20 ... errrrr ... well ... even we will concede that anyone  
> operating outside at below -20F needs their meds adjusted!

Well, it's 16 deg this morning, and it was all I could do to take the dogs out for their morning walk. I considered, while waiting for them to do their thing, how it6 would feel to work FYB0.

Came to conclusion, I will never have that 5X or greater multiplier. Even after having lived in Montana for 5 years, and had temperatures down to -43 deg, I was a lot younger then.

Around 35-40 is just right for FYB0. Even then, I dress up like Nanook of the North (aka, Brian Riley...;-)

John W2AGN

-----  
Date: Thu, 15 Jan 2004 07:16:31 -0600 (CST)  
From: Dale Botkin <dale@botkin.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165381] Re: K1 #1776 on the bench!  
Message-ID: <Pine.LNX.4.33.0401150713260.11784-1000000@madmax.botkin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 15 Jan 2004, Paul Mills wrote:

> When you guys finish a module, do you ever just pick it up and stare  
> at it?

Often.

> Do you critique your soldering and wonder how you could have  
> done it better?

Soldering - not usually. Wiring, yes. I always \*want\* to make a super-neat wiring harness and lay everything out perfectly like a factory job, but never actually succeed.

> When you finish a project, do you feel something like  
> post-partum depression?

No, but I have several freshly built rigs here that have never been tested or used on the air. Some day, maybe in the Spring when I finish my PAC-12

that's 90% complete.

> When you are in the middle of a project, are you already  
> planning the next one? (My piggy bank is kinda empty, but I'm  
> already saving up for a K2)

Always. Drives my wife nuts, because I will sometimes abandon - er,  
postpone the one I'm working on to start the new one!

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

NEW PicoKeyer version with pot AND paddle control coming!

Check <http://www.hamgadgets.com> for news.

-----  
Date: Thu, 15 Jan 2004 07:20:49 -0600 (CST)  
From: grizzarv@mindspring.com  
To: dock0evz@earthlink.net  
Cc: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)  
Subject: [165382] Re: K0EVZ e-mail problems 8^(  
Message-ID: <200401151320.i0FDKnC01054@kg7yy.kg7yy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> From: "Doc K0EVZ" <dock0evz@earthlink.net>  
> Subject: K0EVZ e-mail problems 8^(  
>  
> Gang:  
>  
> If you have sent me e-mail in the last few days, chances are that I did not  
> receive it. Not sure what's up here.....but apparently I have a problem.  
> Sorry for any confusion. Fingers crossed for success in getting this #&!%\*  
> computer going right again. Thanks for the BW.

Doc, if you have your Spaminator cranked down tight you won't get E-mail  
from anyone except those in your address book on the Earthlink Webmail  
site. If you have your preferences set to medium already (as opposed to  
maximum) then the problem lies elsewhere.

HTH

de kg7yy

>  
>  
>  
>  
>  
>  
>

-----  
Date: Thu, 15 Jan 2004 07:47:29 -0500  
From: "Brad Hedges" <bhedges@nc.rr.com>  
To: <quahog@localnet.com>,  
    "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [165383] Re: K1 #1776 on the bench!  
Message-ID: <000001c3db6a\$575f8540\$28262118@nc.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My K1 (1774) is finished and aligned, but I have to build the old RF sniffer for my MM to find out why it's not outputting.... The receiver is/was fine, even before my post about lack of audio - I just tried it in the middle of a solar storm when there were no sigs to hear.

Mine IS transmitting, at least on some level, as I can hear it in my other rig, but after setting the power to 2.0 watts and entering TUNE mode, it shows 0.1 watt and the external wattmeter is not showing anything. Kind of depressing, as I thought it was "perfect"... I suspect an IC (U3) or other static-sensitive device, even though all voltage and resistance checks were on the money.

sigh.

72,  
K0BHC  
Brad

PS - yeah, I just "looked" at all the boards, and especially the front panel, after completion. And I'm sad to not be building. And I want a K2! And a KX1.  
B

> ???  
>  
> When you guys finish a module, do you ever just pick it up and

> stare at it?  
>  
> Do you critique your soldering and wonder how you could have  
> done it better?  
>  
> When you finish a project, do you feel something like  
> post-partum depression?  
>  
> When you are in the middle of a project, are you already  
> planning the next one? (My piggy bank is kinda empty, but I'm  
> already saving up for a K2)  
>  
> Paul KB1GEJ

-----  
Date: Thu, 15 Jan 2004 08:35:01 -0500  
From: "Steve Blary" <steve@eclipsecat.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [165384] WTB 2 Tenna Dipper Kits  
Message-ID: <PPEIIGOHKOAKJAPHAODHAEBMEOAA.steve@eclipsecat.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

As fate would have it the very day the kits sell out handouts of the kit's  
QST write up were passed out at a ARES meeting! If any one has 2 unbuilt  
kits that they would like to sell please contact me. Thanks!

72  
Steve Blary, N1XC  
<http://www.geocities.com/sblary/lighthouses.htm>

-----  
Date: Thu, 15 Jan 2004 08:58:39 -0500  
From: "w8diz\_qrpl" <w8diz\_qrpl@partsandkits.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [165385] National Pig Day Sprint  
Message-ID: <004d01c3db6f\$adacc660\$6601a8c0@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

March 1st is "National Pig Day". On that date, I propose we run a multiPIG Sprint. Since we only have about 15 original MPs and 20 newer MP+ serialized rigs, I figure the sprint may only last 30 minutes HAHA but we'll extend it for two - 1 hour sessions for the QRS crowd :)

Suggest that all MP owners call "CQ MP" in the sprint.  
Others are welcome to participate.

1st leg of the sprint will be Sunday Feb 28, daylight hours  
4:00 PM EST, 3:00 PM CST, 2:00 PM MST, 1:00 PM PST, for  
60 minutes on 20 meters near 14062

2nd leg of the sprint will be Monday March 1 evening hours  
10:30 PM EST, 9:30 PM CST, 8:30 PM MST, 7:30 PM PST, for  
60 minutes on 40 meters near 7044

Exchange will be "RST SPC NAME MP#"

If you have the original multiPIG, just send the serial number.  
the newer multiPIG+ rigs will send the # followed by the letter P.

I will resend this email a few days before the sprint.

For those of you that have more than one MP rig,  
I hope your not dyslexic.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
RIG:multiPIG+ ANT:67 FT Vertical Dipole <http://kitsandparts.com>

-----  
Date: Thu, 15 Jan 2004 08:49:37 -0600  
From: John Oppenheimer <john@KN5L.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165386] Disappointing QSOs last night  
Message-ID: <4006A881.5040709@KN5L.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Last night was not a good night for operating QRP. Not the conditions, the people. First I check in on a 20 meter SSB informal net to say "hi" to my buddy that is almost always there. When found that I was only at 10 watts, someone, didn't catch the call, started complaining about how QRPer should just go somewhere else and are not tolerated by him.

After my quick "hi" to my buddy I dropped down to 14.061 and starting calling CQ on the clear frequency. After a while VE7CBU answers. Gives me a 579 report and states, "sum qsb but copy OK" and address me by name, which I only gave once (my trick I use sometimes to find if the other station can copy me). After I report my QRP status, he than sends "QRP is fun to transmit, but not fun to receive," lowers his power to 10 watts, which I admit, I have much difficulty copying and starts a monologue. I turned off my rig at that time.

But I feel a little better this morning, a quick google search on VE7CBU returned [http://www.lprc.net/ragchewer/html/rc\\_10-03.htm](http://www.lprc.net/ragchewer/html/rc_10-03.htm), search on the page for VE7CBU.

A thought to remember, it's a multi interest hobby with room for all of us. Be tolerant of the interests of others.

John

-----  
Date: Thu, 15 Jan 2004 09:13:11 -0600  
From: "Mike D." <hrg@cifnet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [165387] K9YA Telegraph seeks QRP articles, ideas, etc.  
Message-ID: <PDEPKGHHOMNAALDMNAMLIEEKGDAA.hrg@cifnet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The "K9YA Telegraph" is the monthly newsletter of the Robert F. Heytow Memorial Radio Club. Subscriptions are FREE for the e-mail distributed PDF version. A sample issue may be downloaded at <http://www.qsl.net/k9ya>

The K9YA Telegraph is seeking original, unpublished articles for its upcoming QRP edition. Please submit your articles, ideas for an article or suggestions to [k9ya@qsl.net].

Thank you!

73 de Mike, N9BOR

-----



Date: Thu, 15 Jan 2004 07:36:00 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: john@KN5L.net,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165388] Re: Disappointing QSOs last night  
Message-ID: <20040115153600.80324.qmail@web41015.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Wow. Y'know, in the lemonade-out-of-lemons department, this really highlights something we all live with daily, but lose sight of:

In the land of QRP, contacts between QRP CW ops are practically 100% kind and courteous, if not downright sweet. What a rare and great thing to enjoy, particularly in the era of increasing public rudeness, as evidenced by some of the things seen on the internet, where people feel anonymity is a license to vent their mean spleens.

It's one of the best things about CW ops in general, imo.

LL

--- John Oppenheimer <john@KN5L.net> wrote:  
> Last night was not a good night for operating QRP.  
> Not the conditions,  
> the people. First I check in on a 20 meter SSB  
> informal net to say "hi"  
> to my buddy that is almost always there. When found  
> that I was only at  
> 10 watts, someone, didn't catch the call, started  
> complaining about how  
> QRPers should just go somewhere else and are not  
> tolerated by him.  
>  
> After my quick "hi" to my buddy I dropped down to  
> 14.061 and starting  
> calling CQ on the clear frequency. After a while  
> VE7CBU answers. Gives  
> me a 579 report and states, "sum qsb but copy OK"  
> and address me by  
> name, which I only gave once (my trick I use  
> sometimes to find if the

> other station can copy me). After I report my QRP  
> status, he than sends  
> "QRP is fun to transmit, but not fun to receive,"  
> lowers his power to 10  
> watts, which I admit, I have much difficulty copying  
> and starts a  
> monologue. I turned off my rig at that time.  
>  
> But I feel a little better this morning, a quick  
> google search on VE7CBU  
> returned  
> [http://www.lprc.net/ragchewer/html/rc\\_10-03.htm](http://www.lprc.net/ragchewer/html/rc_10-03.htm),  
> search on the  
> page for VE7CBU.  
>  
> A thought to remember, it's a multi interest hobby  
> with room for all of  
> us. Be tolerant of the interests of others.  
>  
> John  
>

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
KX1#11 - multiPIG+#14 - K1#379 - 20/40M RockMites  
Loop - EDZ - LW - Begali Magnetic Classic Paddles  
ARRL - ARS - QRParci - QCWA - FISTS #8774  
FPQRP #476 - QRP-L - BORG #2  
Fun = Skill / Power ! 8^D

-----  
Do you Yahoo!?  
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes  
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

-----  
Date: Thu, 15 Jan 2004 10:07:37 -0500  
From: Ed Lawson <k1vp@grizzly.com>  
To: qrp-l@lehigh.edu  
Subject: [165389] Pig sprint  
Message-ID: <20040115100737.2fc1c9cd.k1vp@grizzly.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

On Thu, 15 Jan 2004 08:58:39 -0500

"w8diz\_qrp1" <w8diz\_qrp1@partsandkits.com> wrote:

> Hi Gang,  
>  
> March 1st is "National Pig Day". On that date, I propose we run a  
> multiPIG Sprint.

I guess I had better get started working on the kits that have been gathering dust! BTW, has anyone done any testing of the multiPIG in terms of performance, etc. From the looks of it and the comments here, it sounds like it does very well indeed. Just curious about hard numbers.

Ed Lawson  
K1VP

-----  
Date: Thu, 15 Jan 2004 10:04:00 -0600  
From: "Jim Sheldon" <w0eb@cox.net>  
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>  
Subject: [165390] RE: Disappointing QSOs last night  
Message-ID: <IBEGLCMLCDHHEFLBPHBOMEFPDAAA.w0eb@cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

John,  
Don't judge the whole bunch by one "ButtHead". Even though they are increasing in numbers due to the influx of "CB"'ers into the hobby by the fewer requirements, Most of the people out there aren't that way.

Since acquiring a Small Wonder Labs PSK-20 rig in the FPQRP "Worked All Pigs" contest for 2003, and hooking a vfo to it, I've been playing around on QRP RTTY. This has traditionally been a mode that requires higher power to operate, but I've had no problem making some very nice contacts with 3 - 4 watts on 20 meters. Not one of the guys I've worked had anything bad to say about it, and they were all willing to put up with a few hits on the copy, including a 5 way roundtable with stations ranging from Mississippi to California. The same has been true of MFSK and PSK contacts as well. It seems that it's only the SSB ops that have become "jerks" as I've never found a CW operator, even those who aren't QRP'ers, to be discourteous (with the exception of the testers. In a major contest, courtesy goes out the window just like "Road Rage" on a major highway).

73/72/ Have Fun - Life's too short NOT to run QRP!

Talk is Cheap, Real Hams BEEP!

Jim, W0EB

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of John Oppenheimer  
Sent: Thursday, January 15, 2004 8:50 AM  
To: Low Power Amateur Radio Discussion  
Subject: Disappointing QSOs last night

Last night was not a good night for operating QRP. Not the conditions, the people. First I check in on a 20 meter SSB informal net to say "hi" to my buddy that is almost always there. When found that I was only at 10 watts, someone, didn't catch the call, started complaining about how QRPer should just go somewhere else and are not tolerated by him.

After my quick "hi" to my buddy I dropped down to 14.061 and starting calling CQ on the clear frequency. After a while VE7CBU answers. Gives me a 579 report and states, "sum qsb but copy OK" and address me by name, which I only gave once (my trick I use sometimes to find if the other station can copy me). After I report my QRP status, he than sends "QRP is fun to transmit, but not fun to receive," lowers his power to 10 watts, which I admit, I have much difficulty copying and starts a monologue. I turned off my rig at that time.

But I feel a little better this morning, a quick google search on VE7CBU returned [http://www.lprc.net/ragchewer/html/rc\\_10-03.htm](http://www.lprc.net/ragchewer/html/rc_10-03.htm), search on the page for VE7CBU.

A thought to remember, it's a multi interest hobby with room for all of us. Be tolerant of the interests of others.

John

-----  
Date: Thu, 15 Jan 2004 11:04:45 -0500 (EST)  
From: "Thom R. Lacosta" <lacosta@bcpl.net>  
To: Lloyd Lachow <llachow@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165391] Re: Antenna Dilemma  
Message-ID: <Pine.GS0.4.58.0401151101161.28255@mail>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Jan 2004, Lloyd Lachow wrote:

> My longwire, ladder line and window line exit my  
> window between the metal storm/screen frame and the  
> metal window frame. Only one exits at a right angle.  
> They seem to work well.

I'm curious...you only have one connected to a rig at any one time?

Are the unused ends grounded, or do they have rf on them?

Thanks,

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon  
<http://www.tlchost.net/> Web Hosting as low as 3.49/month  
<http://www.zerobeat.net/qrp/>

-----  
Date: Thu, 15 Jan 2004 08:06:42 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: "Thom R. Lacosta" <lacosta@bcpl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165392] Re: Antenna Dilemma  
Message-ID: <20040115160642.65248.qmail@web41011.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- "Thom R. Lacosta" <lacosta@bcpl.net> wrote:  
> On Tue, 13 Jan 2004, Lloyd Lachow wrote:  
>  
> > My longwire, ladder line and window line exit  
> my  
> > window between the metal storm/screen frame and  
> the  
> > metal window frame. Only one exits at a right  
> angle.  
> > They seem to work well.  
>  
> I'm curious...you only have one connected to a rig  
> at any one time?

yes.

>  
> Are the unused ends grounded, or do they have rf on  
> them?

they are not grounded...they're nearby, waiting to  
be seized and pressed into service. Do they have RF on  
them? Dunno.

LL

-----  
Do you Yahoo!?  
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes  
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

-----  
Date: Thu, 15 Jan 2004 11:21:53 -0500  
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [165393] TICK-4 CHIP INSTRUCTIONS  
Message-ID: <008d01c3db83\$b06f78c0\$220110ac@gateway.2wire.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy Gang:

I recently purchased an RH-40 kit that came with a new Tick-4 keyer chip.

Unfortunately, the chip didn't come with an instruction manual or other  
documentation so I have no idea how to use it.

Could some kind QRP soul out there send me a copy of the operating  
instructions for this chip??? QRZ.COM data base info all OK.

Written instructions would do just as well....I need something to get this  
thing going.

73, Joe W2KJ  
North Carolina  
I QRP, therefore I am

-----

Date: Thu, 15 Jan 2004 11:23:53 -0500 (EST)  
From: <ah7i@atl.org>  
To: <qrp-l@Lehigh.EDU>  
Subject: [165394] WTS some misc edebris...  
Message-ID: <Pine.LNX.4.33.0401151119370.20921-100000@localhost.localdomain>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lot of mostly used ethernet patch cables. \$40.  
<http://edebris.com/catalog2/item/1092>

Lot of approx. 800 LCD display modules for  
sprinkler systems. \$50  
<http://edebris.com/catalog2/item/1091>

275Mc to 2750Mc 50W signal generator. Rohde and Schwarz \$140  
<http://edebris.com/catalog2/item/1089>

Fluke high voltage precision regulated power supply with pretty  
decent current rating. \$90  
<http://edebris.com/catalog2/item/1090>

cisco Catalyst 1201 \$50  
<http://edebris.com/catalog2/item/1083>

640x480 LCD display panels. NOS Approx 1000. Losing storage! Make offer!!!  
Max clock is 4MHz and data input is 2 x 4 bit parallel so these can be run  
with  
one of the faster PIC processors as a dedicated display controller.  
[http://edebris.com/catalog/view\\_item.php?id=282](http://edebris.com/catalog/view_item.php?id=282)

-----  
Date: Thu, 15 Jan 2004 08:31:47 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: k1vp@grizzly.com,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165395] Re: Pig sprint  
Message-ID: <20040115163147.28476.qmail@web41010.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Well, I built my pigrig last year, and then it sat  
in a drawer for eight months. Long story.

But I took it out recently, and it is both amazing and unbelievable! For one thing, I'm suddenly QRV on 80 and 160M, QSOs on both bands recently. I've yet to try it on 12 and 17M, though. For another, after spending 45 minutes or so of working the Fox Hunt this week, using my K1 since I've yet to do the dual-VFO mod to the pigrig (soon!), I switched over to the MP+ to compare the receive performance. The difference was huge: about 2-3 S-units better, with less noise. The design intention was to give this rig a rcvr that compared with the K2, and many report that it's so!

I'm set to do the remaining mods, which will result in a fabulous, complete QRP CW rig for all ham bands, complete with a steady PLL circuit, K10 keyer with four memories and paddle control of functions, bandwidth and RF gain pots, and - best of all - I learned a few things along the way, and the modules allow interfacing with other projects.

This rig is not for everyone, though...you have to think some when putting it together, and provide some connectors, etc., as well as come up with some scheme for mounting in an enclosure. There are some really beautiful and imaginative MP+ designs out there, and also a bunch of ones that look like mine. <g> But it works, and I am getting a lot of people asking what rig I'm using, and how much power I'm running. Of course, the big loop (my present to the rig) helps.

Sorry for the gushing and absence of hard numbers; I'm currently experiencing rig bliss.

Oh, and the main six boards require that you wind 75 toroids. lol

LL

--- Ed Lawson <k1vp@grizzly.com> wrote:

> On Thu, 15 Jan 2004 08:58:39 -0500

> "w8diz\_qrpl" <w8diz\_qrpl@partsandkits.com> wrote:

>

> > Hi Gang,

> >

> > March 1st is "National Pig Day". On that date, I

> propose we run a

> > multiPIG Sprint.



>  
> I guess I had better get started working on the kits  
> that have been  
> gathering dust! BTW, has anyone done any testing of  
> the multiPIG in  
> terms of performance, etc. From the looks of it and  
> the comments here,  
> it sounds like it does very well indeed. Just  
> curious about hard  
> numbers.  
>  
> Ed Lawson  
> K1VP

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites  
Loop - EDZ - LW - Begali Magnetic Classic Paddles  
ARRL - ARS - QRParci - QCWA - FISTS #8774  
FPQRP #476 - QRP-L - BORG #2  
Fun = Skill / Power ! 8^D

-----  
Do you Yahoo!?  
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes  
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

-----  
Date: Thu, 15 Jan 2004 11:39:05 -0500  
From: "Charles W3KC" <w3kc@starpower.net>  
To: <qrp-l@lehigh.edu>  
Subject: [165396] Re: National Pig Day Sprint  
Message-ID: <002c01c3db86\$30a18c20\$67072c42@w3kc>

Sooey Sooey- count me in. I'm still working on the receiver - but if I manage to  
get that done by then, I might count as half a PIG.  
72 de Chas W3KC

----- Original Message -----  
From: "w8diz\_qrpl"  
Subject: National Pig Day Sprint

> Hi Gang,  
>  
> March 1st is "National Pig Day". On that date, I propose we run a

> multiPIG Sprint....

-----  
Date: Thu, 15 Jan 2004 11:51:08 -0500 (EST)  
From: "Paul, VE1DY" <ve1dy@myway.com>  
To: qrp-1@Lehigh.EDU  
Subject: [165397] RE: Disappointing QSOs last night  
Message-ID: <20040115165108.8DDBB3980@mprdmxin.myway.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hey John... that was enjoyable reading. Thanks for pointing/sharing.

Loren Singh, AD6YU did a nice job on his article... THE JOYS OF QRP

72, Paul (ve1dy)

--- On Thu 01/15, John Oppenheimer <john@KN5L.net > wrote:  
From: John Oppenheimer [mailto:john@KN5L.net]  
To: qrp-1@Lehigh.EDU  
Date: Thu, 15 Jan 2004 08:49:37 -0600  
Subject: Disappointing QSOs last night

Last night was not a good night for operating QRP. Not the conditions, <br>the people. First I check in on a 20 meter SSB informal net to say "hi" <br>to my buddy that is almost always there. When found that I was only at <br>10 watts, someone, didn't catch the call, started complaining about how <br>QRPer should just go somewhere else and are not tolerated by him.<br><br>After my quick "hi" to my buddy I dropped down to 14.061 and starting <br>calling CQ on the clear frequency. After a while VE7CBU answers. Gives <br>me a 579 report and states, "sum qsb but copy OK" and address me by <br>name, which I only gave once (my trick I use sometimes to find if the <br>other station can copy me). After I report my QRP status, he than sends <br>"QRP is fun to transmit, but not fun to receive," lowers his power to 10 <br>watts, which I admit, I have much difficulty copying and starts a <br>monologue. I turned off my rig at that time.<br><br>But I feel a little better this morning, a q!

uick google search on VE7CBU <br>returned [http://www.lprc.net/ragchewer/html/rc\\_10-03.htm](http://www.lprc.net/ragchewer/html/rc_10-03.htm), search on the <br>page for VE7CBU.<br><br>A thought to remember, it's a multi interest hobby with room for all of <br>us. Be tolerant of the

interests of others.<br><br>John<br><br>

-----  
No banners. No pop-ups. No kidding.  
Introducing My Way - <http://www.myway.com>  
-----

Date: Thu, 15 Jan 2004 12:04:37 -0500  
From: <mpupeza@sympatico.ca>  
To: <QRP-L@Lehigh.edu>  
Cc: <mpupeza@ixpres.com>  
Subject: [165398] Want - DL-QRP-PA kit or built for QRP Plus.  
Message-ID: <20040115170438.BHGD20454.tomts35-  
srv.bellnexxia.net@smtp.bellnexxia.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 7bit

Hi;  
I'm looking for a DL-QRP-PA Kit or built (a small Linear Amp 10W CW or PEP) to  
install in my Index Labs QRP Plus (early version).  
I realize that there are mods available but thought I'd see if anyone had one of  
these units kicking around.  
73  
Mike VE3EQP/W4

-----  
Date: Thu, 15 Jan 2004 12:23:21 -0500 (Eastern Standard Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: <qrp-l@Lehigh.EDU>, <w2kj@bellsouth.net>  
Subject: [165399] Re: TICK-4 CHIP INSTRUCTIONS  
Message-ID: <4006CC89.00000D.00912@etower>  
MIME-Version: 1.0  
Content-Type: Text/Plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A quick Google search for "tick keyer instructions" revealed the following  
URL:  
<http://electronicsusa.com/tickop.html>

where you will find an excellent reference.

-----Original Message-----

From: w2kj@bellsouth.net  
Date: 01/15/04 11:43:41  
To: Low Power Amateur Radio Discussion  
Subject: TICK-4 CHIP INSTRUCTIONS

Howdy Gang:

I recently purchased an RH-40 kit that came with a new Tick-4 keyer chip.

Unfortunately, the chip didn't come with an instruction manual or other documentation so I have no idea how to use it.

Could some kind QRP soul out there send me a copy of the operating instructions for this chip??? QRZ.COM data base info all OK.

Written instructions would do just as well....I need something to get this thing going.

73, Joe W2KJ  
North Carolina  
I QRP, therefore I am

-----  
Date: Thu, 15 Jan 2004 12:32:29 -0500  
From: <kdsweesey@cox.net>  
To: qrp-l@Lehigh.EDU  
Subject: [165400] QRV from Seven Springs, AZ  
Message-ID: <20040115173228.THSX11223.fed1mtao06.cox.net@smtp.west.cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I will be QRV from Seven Springs Recreation Area just north of Carefree, AZ the weekend of January 23-25. I will be hanging out near the QRP "watering holes" on 10/15/20 during the daylight hours and 40/80 in the evenings.

Will be using an FT-817 with an end-fed random wire. Please listen for me and get into the log!

'72/'73

kevin, K6RXL  
ARS #940, FP #495, QRP-ACI #10732

-----  
Date: Thu, 15 Jan 2004 12:33:50 -0500  
From: k2zn@rochester.rr.com  
To: jsielke@pobox.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165401] Re: FYBO - temp scale  
Message-ID: <17bc7a17a1d3.17a1d317bc7a@nyroc.rr.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-language: en  
Content-transfer-encoding: 7BIT  
Content-disposition: inline

One of these years, I'll have to give FYBO a try. I was actually outside yesterday with a temp of about 3F, running some antenna tests (work related). Now that my days of long hair are far behind me, the ears suffer the most, even with a hat.

Al, K2ZN

> Well, it's 16 deg this morning, and it was all I could do to take  
> the  
> dogs out for their morning walk. I considered, while waiting for  
> them to  
> do their thing, how it6 would feel to work FYBO.  
>  
> Came to conclusion, I will never have that 5X or greater  
> multiplier.  
> Even after having lived in Montana for 5 years, and had  
> temperatures  
> down to -43 deg, I was a lot younger then.  
>  
> Around 35-40 is just right for FYBO. Even then, I dress up like  
> Nanook  
> of the North (aka, Brian Riley...;-)  
>  
> John W2AGN  
>  
>

-----  
Date: Thu, 15 Jan 2004 11:07:34 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: w2bvh <w2bvh@comcast.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165402] Re: Front end filters  
Message-ID: <Pine.LNX.4.44.0401151100431.5292-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 Jan 2004, w2bvvh wrote:

> So on 2 meters and up the front end filter is there to suppress the  
> image signal before it gets to the mixer and nothing else? I guess not,  
> if so designers would put in a series resonant trap to ground at the  
> image frequency and no other filter ?

At 2 meters and up there is NO filter in front of the pre-amp.  
Your looking for the lowest noise figure receiver and do not worry about  
images which are suppressed by the antenna and other factors.

After you get about 15 DB gain at the low noise figure you can  
do all the filtering you want. I am reminded of the moonbounce with 5  
watts at 432 MHz as I recall that worked because of great Digital Signal  
Processing.

>  
> 73,  
> Lenny W2BVH  
>  
> Karl Larsen wrote:  
>  
> >On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:  
> >  
> >  
> >  
> >>>On the same subject: When there's a preamp in the design, they usually  
> >>>put a broad filter in front of it and a narrow filter after it. I would  
> >>>have thought it would be better to get rid of most of the unwanted  
> >>>signals before a gain stage? What am I missing?  
> >>>  
> >>>  
> >>The narrower the filter, the higher the loss. A filter that has higher Q  
> >>components (inductors) can be made into a narrower filter for the same loss.  
> >>  
> >>In general, most of the T-50 sized toroid cores have Qs in the 200 to 300  
> >>range, so a 14 MHz bandpass filter is often 400 KHz or so to keep the loss  
> >>under 1 db. On the other hand, a crystal has a Q of 300,000 or so, which  
> >>allows us to have 500 Hz bandpass filters with only a few db of loss.  
> >>

> >>Because the preamp is being used to establish a low noise figure for the  
> >>receiver, it needs to have a low loss in front of it, since filter loss  
> >>will degrade the resulting noise figure db for db.  
> >>  
> >>  
> >  
> > Yes Dan I agree with all that, but for 40 meters and longer  
> >wavelengths the Band Noise is so high that it swamps out almost the  
> >poorest pre-amp noise. So a filter might be good even though it  
> >introduces a higher noise figure.  
> >  
> > When your at 2 meters and above the band noise (sun and star  
> >radiation) is so low you can build a 1/2 DB noise figure receiver with a  
> >Gallium Arsenide fet, and put that at the antenna with a mixer. I did  
> >that some years ago and then discovered I could track the sun on noise  
> >alone.  
> >  
> >  
> >  
> > After the signal has  
> >  
> >  
> >>been amplified and the noise figure established, a more narrow filter (with  
> >>higher loss) can be used without hurting the sensitivity as much.  
> >>  
> >>  
> >>  
> >  
> > Yes.  
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> >  
> >  
> >  
> >>In general the first filter width is a trade between signal rejection  
performance  
> >>(bandwidth) and loss (effect on receiver sensitivity).  
> >>  
> >>- Dan, N7VE  
> >>  
> >>  
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> >  
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>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Thu, 15 Jan 2004 11:14:40 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165403] RE: Front end filters  
Message-ID: <Pine.LNX.4.44.0401151108050.5292-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:

> It simply means that on 40m sensitivity is not an issue, so the trade can be  
> made for less sensitivity (increased loss) and a more narrow response. I would  
> not use a pre-amp on 40m. I think the trade is different on 20 or 15m where the  
> noise levels are much lower.  
>

Yes. My Yaesu FT-817 has a switch on the pre-amp and I turn it  
off for 40 Fox Hunts. I have turned it on looking for a Fox I cannot  
hear and to date it has never helped.

What I am amazed at is the filtering on all frequency receivers.  
They use a high frequency first mixer and have LC bandpass filters all  
over the place. All this costs money and so expensive receivers do work  
better.

> - Dan, N7VE  
>  
> > -----Original Message-----  
> > From: Karl Larsen [mailto:k5di@zianet.com]  
> > Sent: Wednesday, January 14, 2004 5:01 PM  
> > To: Tayloe Dan-P26412  
> > Cc: Low Power Amateur Radio Discussion  
> > Subject: Re: Front end filters  
> >  
> >  
> > On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:  
> >



> > > On the same subject: When there's a preamp in the design,  
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> > after it. I would  
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> > unwanted  
> > > signals before a gain stage? What am I missing?  
> > >  
> > > The narrower the filter, the higher the loss. A filter  
> > that has higher Q  
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> > >  
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> > the 200 to 300  
> > > range, so a 14 MHz bandpass filter is often 400 KHz or so  
> > to keep the loss  
> > > under 1 db. On the other hand, a crystal has a Q of  
> > 300,000 or so, which  
> > > allows us to have 500 Hz bandpass filters with only a few  
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> > filter loss  
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> > >  
> > > When your at 2 meters and above the band noise (sun and star  
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> > Gallium Arsenide fet, and put that at the antenna with a mixer. I did  
> > that some years ago and then discovered I could track the sun  
> > on noise  
> > alone.  
> > >  
> > >  
> > >  
> > > After the signal has  
> > > been amplified and the noise figure established, a more  
> > narrow filter (with  
> > > higher loss) can be used without hurting the sensitivity as much.  
> > >

> >  
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> > rejection performance  
> > > (bandwidth) and loss (effect on receiver sensitivity).  
> > >  
> > > - Dan, N7VE  
> > >  
> > >  
> > >  
> >  
> > --  
> >  
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
> >  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Thu, 15 Jan 2004 11:19:31 -0700  
From: "Bob Hightower" <rhightower@cox.net>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [165404] FYBO 04 Rules  
Message-ID: <000701c3db94\$1fffb3c0\$6501a8c0@Bobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The FYBO 04 Rules are posted at <http://www.extremezone.com/~nk7m/fybo04.htm>

Sorry for the delay, but there were some final decisions to be made.

Bob NK7M

-----  
Date: Thu, 15 Jan 2004 13:45:09 -0500  
From: "Larry - WA2DGD" <wa2dgd@comcast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [165405] non-polarized electrolytic

Message-ID: <003c01c3db97\$b4362da0\$6a01a8c0@babe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello all,

Have a question and I'm sure this is the place for an answer.

I'm attempting to repair a powered subwoofer and found two 15uf 16v Non-polarized caps that are suspicious and test bad with my ESR meter and cap meter.

I found only one non-polarized cap at RS. I have tons of Polarized caps.

Question: Is there anyway to "make" a NON-polarized cap out of two polarized caps? Can I use two 10uf in parallel with (+) of one connected to (-) of the other? I just want a quick way to see if the 2 non-polarized caps are truly the problem.

Sorry for the OT question,

72  
Larry  
WA2DGD

-----  
Date: Thu, 15 Jan 2004 13:53:05 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [165406] Re: Pig Rigs (was:Pig sprint)  
Message-ID: <4006E191.7080604@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

> But I took it out recently, and it is both amazing  
> and unbelievable! For one thing, I'm suddenly QRV on  
> 80 and 160M, QSOs on both bands recently. I've yet to  
> try it on 12 and 17M, though. For another, after  
> spending 45 minutes or so of working the Fox Hunt this  
> week, using my K1 since I've yet to do the dual-VFO  
> mod to the pigrig (soon!), I switched over to the MP+  
> to compare the receive performance. The difference was  
> huge: about 2-3 S-units better, with less noise. The  
> design intention was to give this rig a rcvr that

> compared with the K2, and many report that it's so!

In spite of having a "mean spleen ;-)" I agree with Lloyd. I don't have hard numbers either, but have compared the MP+ side by side with several other rigs, including the K2. Anything I can hear on the K2 I can hear on the MP+. On a noisy band, the K2 had the edge ONLY because I have the K2DSP installed. Beats the pants off of the Argo V and, dare I say, the FT-817?

I have put all the "bells and whistles" on my MP+, and have been using it daily for a couple months. I even made a bunch of QSOs in the CQ WW DX Test, with it spread out on the desk.

Most fun I have had building a rig for a while, as I was able to "personalize" it, with built in Z-Match, etc. You can see MP+ #16 at <http://w2agn.net/mpplus.html>. I also have the MP+ SWR bridge built in, with display on front panel.

John W2AGN

-----  
Date: Thu, 15 Jan 2004 10:53:19 -0800  
From: "Richard L. Ferranti" <remler@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [165407] FA: New England QRP "40-40" 40 meter QRP transceiver unbuilt kit  
Message-ID: <20040115.105320.1384.2.remner@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Here's a classic unbuilt 40 meter transceiver kit, designed by NN1G and vintage 1994, from the New England QRP club. It even comes with the accessory RIT kit. Everything is there just as I got it ten years ago (and I never even took the parts out of their envelopes...)

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3071960800>

Hope one of you can get it put together and on the air!

73 from Rick W6NIR

The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

Date: Thu, 15 Jan 2004 13:57:37 -0500  
From: Bob Patten <n4bp@bellsouth.net>  
To: wa2dgd@comcast.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165408] Re: non-polarized electrolytic  
Message-ID: <4006E2A1.7090007@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Larry - WA2DGD wrote:

```
>Question: Is there anyway to "make" a NON-polarized cap out of two polarized
>caps? Can I use two 10uf in parallel with (+) of one connected to (-) of the
>other? I just want a quick way to see if the 2 non-polarized caps are truly
>the problem.
```

>  
>

Close, but you want to put them in series. Connect either plus to plus, or minus to minus - doesn't matter. The polarized caps work like diodes in that they will conduct on one half the AC cycle. Have been replacing non-polarized caps in rotator control boxes this way for years.

— —

73, Bob Patten, N4BP Plantation, FL

E-Mail: [n4bp@arrl.net](mailto:n4bp@arrl.net) Website: <http://www.qsl.net/n4bp>  
 ORP ARCI #3412 SOC #1 ARS #799 Whiners #6 FISTS #7871

Date: Thu, 15 Jan 2004 13:58:17 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [165409] Re: Disappointing QSOs last night  
Message-ID: <4006E2C9.5040805@pobox.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Being sneaky and devious, on a couple occasions when, after saying I was running 5W, the other station started the "You are weak and QSB, etc." I say, "OK, I am going QRO, 100 watts." I then twiddle my thumbs for about 30 seconds, then come back and say, "OK, I am now at 100 watts."

Invariably, the other station says, "Now you are 599, thanks."

John W2AGN (Mr. "Mean Spleen" hisself)

-----

Date: Thu, 15 Jan 2004 14:01:55 -0500  
From: TJM <tjmc@erols.com>  
To: LIQRP <liqrp@mailman.qth.net>, qrp-l@lehigh.edu,  
njqrp@applegate.org, newsmedia@arrl.org  
Subject: [165410] \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!  
\*\*\*

Message-ID: <4006E3A3.2030401@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I'm trying to decide if the permit is worth the money...

See below letter for how this started and letter to parks dept.

It now appears I must ( and each member who wishes to operate ) obtain a yearly permit issued by the NYS Parks Dept to operate a radio in the park.

Today in the mail I received the letter/permit form from the Office of Parks / Recreation , Long Island State Region, Babylon, NY.  
The permit is vaild for ONE Year at a cost of \$50. The Permit is valid ONLY in Sunken Meadow State Park and must be carried on the person.  
The permit still requires the access fee to be paid (another aprox \$7).

So what to do?? I'm wondering if it's worth it??

all best  
Tom aa2vk

>  
> ----- Original Message -----  
  
>Subject: outing at the beach  
>Date:> Tue, 23 Dec 2003 16:55:47 -0500  
>From: TJM <tjmc@erols.com>  
>To: LIQRP <liqrp@mailman.qth.net>  
>  
> Hi Group,  
>  
> Went out to Sunken Meadow St Park ( LI, NY ) today. Sun was nice but  
> a bit cool! ;) The W1FE wanted to run, so I took along my DSW-20 and  
> 10m pole. Set up was at the beach, on the boardwalk using the picnic  
> tables that are there year round.  
>  
> Put the fiber pole into the hole for umbrellas ( removed the two  
> bottom sections ) tape a wire onto it and pulled it up for a max  
> height of 25ft. Worked N5DMC, Jerry of MS and K4YKI, Norm of KY on  
> 2.5 watts...  
>  
> While I was working K4YKI, a State Park Police comes up to me and  
> asks if I had a permit. I said I wasn't aware that one was needed...  
> He says the pole is to tall and tells me to take it down... I say  
> ok... before I get to ask any more questions, he's gone. So, I pack  
> up, get the W1FE, walk over to the Park office to ask why I need a  
> permit and under what ordinance....Of course the St PD is gone ( went  
> home ) and the Park Office employees have no knowledge...  
>  
> SO , I have to wait till the Main Park office is open to get some  
> answers.  
>  
> More to come on this!  
>  
> all best Tom aa2vk

LETTER to NYS Parks Dept;

> 12/24/2003  
>  
>  
> To: Long Island State Parks  
>  
> From: Thomas McCuen; AA2VK  
>  
> Re: Permission/Permit for Amateur Radio Operation in the Sunken

> Meadow Park  
>  
>  
> 1) I, Thomas McCuen, am requesting permission to allow operation of  
> an amateur radio while in the park during normal business hours. This  
> request is due to a State Park Officer advising me a permit was  
> required for operation.  
>  
> 2) This radio operation is of Amateur type usage of which I am  
> licensed for by the F.C.C.  
>  
> 3) The radio is a small portable transmitter/receiver that is less  
> than 5"x5"x5" in size. The radio is powered by a small battery or  
> battery pack comprised of "AA" type batteries. Transmitted power is  
> of a low amount, usually less than 3 watts, so as not to interfere  
> with any other normal Park operations. The antenna is a small wire  
> that is vertically supported on a fiberglass-fishing pole. The form  
> of transmission is usually in the form of Morse Code and headphones  
> are worn so as not to disturb others in the park.  
>  
> 4) Attached is a copy of my FCC license and photos of equipment are  
> available if requested.  
>  
>  
> Thank You,  
>  
>  
>  
> Thomas McCuen  
>  
>

--

```
*****
* Member of NORCAL, NJQRP, LIQRP, HFPAck *
*           K2 #1213           *
* LIQRP Web Page : www.qsl.net/liqrp      *
* Personal web page : www.erols.com/tjmc  *
*****
```

-----  
Date: Thu, 15 Jan 2004 11:08:12 -0800  
From: Adam Farson <farson@shaw.ca>



To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>, wa2dgd@comcast.net  
Subject: [165411] RE: non-polarized electrolytic  
Message-ID: <BLEKJMCJBOEAAIECDNNCIECDIDAA.farson@shaw.ca>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Hi Larry,

There is an old trick which you can try. You can connect two polarised electrolytics of equal capacitance and working voltage ratings back-to-back, i.e. in series with (-) of one cap connected to (-) of the other. This scheme will be safe if the applied voltage is well within the working voltage rating of one cap. Some caution is required, as one of the caps will always see reverse voltage on the negative half-cycle.

It may be possible to protect the capacitors by connecting a diode across each one, with cathode to (+).

Cheers for now, 73,  
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Larry - WA2DGD  
Sent: Thursday, January 15, 2004 10:45  
To: Low Power Amateur Radio Discussion  
Subject: non-polarized electrolytic

Hello all,

Have a question and I'm sure this is the place for an answer.

I'm attempting to repair a powered subwoofer and found two 15uf 16v Non-polarized caps that are suspicious and test bad with my ESR meter and cap meter.  
I found only one non-polarized cap at RS. I have tons of Polarized caps.

Question: Is there anyway to "make" a NON-polarized cap out of two polarized caps? Can I use two 10uf in parallel with (+) of one connected to (-) of the other? I just want a quick way to see if the 2 non-polarized caps are truly the problem.

Sorry for the OT question,

Larry  
WA2DGD

-----  
Date: Thu, 15 Jan 2004 14:23:39 -0500  
From: "Larry - WA2DGD" <wa2dgd@comcast.net>  
To: <farson@shaw.ca>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [165412] Re: non-polarized electrolytic  
Message-ID: <005f01c3db9d\$14f2f100\$6a01a8c0@babe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I knew this would be the place for an answer.

Thanks to all.

72  
Larry  
WA2DGD

----- Original Message -----

From: "Adam Farson" <farson@shaw.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 15, 2004 2:08 PM  
Subject: RE: non-polarized electrolytic

> Hi Larry,  
>  
> There is an old trick which you can try. You can connect two polarised  
> electrolytics of equal capacitance and working voltage ratings  
back-to-back,  
> i.e. in series with (-) of one cap connected to (-) of the other. This  
> scheme will be safe if the applied voltage is well within the working  
> voltage rating of one cap. Some caution is required, as one of the caps  
will  
> always see reverse voltage on the negative half-cycle.  
>  
> It may be possible to protect the capacitors by connecting a diode across  
> each one, with cathode to (+).  
>  
> Cheers for now, 73,  
> Adam VA7OJ/AB4OJ  
>

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> Larry - WA2DGD  
> Sent: Thursday, January 15, 2004 10:45  
> To: Low Power Amateur Radio Discussion  
> Subject: non-polarized electrolytic  
>  
>  
> Hello all,  
>  
> Have a question and I'm sure this is the place for an answer.  
>  
> I'm attempting to repair a powered subwoofer and found two 15uf 16v  
> Non-polarized caps that are suspicious and test bad with my ESR meter and  
> cap meter.  
> I found only one non-polarized cap at RS. I have tons of Polarized caps.  
>  
> Question: Is there anyway to "make" a NON-polarized cap out of two  
polarized  
> caps? Can I use two 10uf in parallel with (+) of one connected to (-) of  
the  
> other? I just want a quick way to see if the 2 non-polarized caps are  
truly  
> the problem.  
>  
> Sorry for the OT question,  
>  
> 72  
> Larry  
> WA2DGD  
>

-----  
Date: Thu, 15 Jan 2004 13:25:49 -0600  
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>  
To: qrp-1@lehigh.edu  
Subject: [165413] 2003 ARRL Frequency Measuring Test - results  
Message-ID: <3.0.1.32.20040115132549.008a6b90@baton.phys.lsu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

ARRL posted the preliminary results of the FMT

<<http://www.arrl.org/w1aw/fmt/PrelimfmtRsts03.pdf>>

3585383.7 Hz

7050409.9 Hz  
14050075.7 Hz  
21053399.1 Hz

I had measured 7050411.2 Hz (1.3 Hz, or 0.18 PPM high)  
and 3585384.6 Hz (0.9 Hz, or 0.25 PPM high)

A big thank you to Trev KG6CYN for the DDS signal generator design. That device, calibrated as close as possible to WWV, was the guts of my equipment for the FMT. ARRL recognized the 7 ops who got within 1 PPM on all four bands, quite an accomplishment.

72  
Jim N5IB

-----  
Date: Thu, 15 Jan 2004 10:26:21 -0000  
From: "brian russell" <brian-nsl@freenet.co.uk>  
To: <qrp-l@lehigh.edu>  
Subject: [165414] Re: What Part of Sun Spot Cycle ????  
Message-ID: <002b01c3db9d\$7704d660\$121e2850@briandlatmd1ba>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi gang,

                Interesting comments on the present sunspot cycle, according to the "experts" cycle 23 has been very poor in the sense that over the bigger picture of the 100 year cycle it has been at the bottom of the trough. They said things could be worse, and they were hi!

72, Brian. G0NSL-QRP.

----- Original Message -----

From: "Pat Whelton" <pwhelton@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, January 14, 2004 9:40 PM  
Subject: What Part of Sun Spot Cycle ????

> I realize there is such a thing as an 11 year sun spot cycle and things  
can  
> get downright stinko at the low end of the cycle as far as radio wave  
> propagation goes.  
>  
> Without getting all technical on me and talking about K indexes, MUF,

> geomagnetic activity, ionospheric absorption, aurora effect, F2 ionization  
> and basically showing off your smarts can someone tell me where we are in  
> the 11 year cycle? Are we at the beginning, the middle or the end?  
>  
> In other words, how much longer do we have to put up with these crappy  
> conditions? I think I got back into the hobby at exactly the wrong time.  
>  
> Thanks,  
> Pat  
>

-----  
Date: Thu, 15 Jan 2004 14:42:09 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [165415] Re: Pig Rigs -Bad Link  
Message-ID: <4006ED11.1070205@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

> Most fun I have had building a rig for a while, as I was able to  
> "personalize" it, with built in Z-Match, etc. You can see MP+ #16 at  
> <http://w2agn.net/mpplus.html>. I also have the MP+ SWR bridge built in,  
> with display on front panel.

Talk about trouble-shooting. Couldn't figure why above link didn't work.  
Than I noticed the "." at the end was messing it up.

<http://w2agn.net/mpplus.html>

John W2AGN

-----  
Date: Thu, 15 Jan 2004 12:43:42 -0700  
From: w5xe@juno.com  
To: qrp-l@lehigh.edu  
Subject: [165416] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY  
Park!!\*\*\*  
Message-ID: <20040115.124343.-716995.4.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I suppose one could have questioned the officer  
if he had in his possession the permit for his radio  
and one should also obtain the officer's name, and  
id number for any future proceedings.  
Sounds like someone has hit on a way to scam  
money from unsuspecting users of the public park  
without being questioned.

Ray

If you know the forest, you will not fear, If you do not  
know the forest, then you will fear the forest.'Luther Standing Bear'  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R  
FP-111 QRP-ARCI 5784 El Paso, (FAR WEST) TEXAS

-----  
Date: Thu, 15 Jan 2004 12:47:36 -0700  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qRP-L@lehigh.edu  
Subject: [165417] FOX: Web Site Info  
Message-ID: <40068BE8.31027.9DAB52@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Hi, guys-- just wanted to apologize for the delay in getting the web site  
updated. Roger WB0JNR who usually does it is on a climbing trip to Argentina  
and I have not yet figured out how to get an update done. Hopefully it won't  
be long!

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382

-----  
Date: Thu, 15 Jan 2004 12:55:03 -0700 (GMT-07:00)  
From: ac7a@earthlink.net

To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [165418] Re: non-polarized electrolytic  
Message-ID: <23369832.1074196504461.JavaMail.root@grover.psp.pas.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Larry,

I believe as a temporary solution you can place 2 polarized electrolytics in opposing series. In other words, take 2 electrolytics, each equal in value to the one you are replacing, and tie one common polarity together. Let's say you tie the two negative terminals together. Then connect each of the positive terminals to the 2 points where the original non-polarized capacitor connected.

This probably has its pitfalls as a long-term solution, but I do believe it will allow you to check out your application. I have used this connection before and it worked fine. But if anyone knows why you shouldn't do this; please speak up.

Regards, Thomas - AC7A (Tucson)

-----Original Message-----

From: Larry - WA2DGD <wa2dgd@comcast.net>  
Sent: Jan 15, 2004 11:45 AM  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: non-polarized electrolytic

Hello all,

Have a question and I'm sure this is the place for an answer.

I'm attempting to repair a powered subwoofer and found two 15uf 16v Non-polarized caps that are suspicious and test bad with my ESR meter and cap meter.

I found only one non-polarized cap at RS. I have tons of Polarized caps.

Question: Is there anyway to "make" a NON-polarized cap out of two polarized caps? Can I use two 10uf in parallel with (+) of one connected to (-) of the other? I just want a quick way to see if the 2 non-polarized caps are truly the problem.

Sorry for the OT question,

72

Larry  
WA2DGD

-----  
Date: Thu, 15 Jan 2004 13:59:13 -0600  
From: "John A. Wells" <sidni@swbell.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [165419] RE: Pig Rigs -Bad Link  
Message-ID: <000001c3dba2\$0ca63570\$6401a8c0@pent>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

WOW ! What a shot of enthusiasm that gave me !!! I gotta have one !!!  
Kudos on the great enclosure and front panel. I bet there is more to  
this rig that meets the eye. A guy could spend several weeks just  
discovering all the details you've put into this. You have a right to  
be very proud of it.

Thanks for sharing JS.  
John Wells

-----Original Message-----

From: owner- [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of John Sielke  
Sent: Thursday, January 15, 2004 1:42 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Pig Rigs -Bad Link

> Most fun I have had building a rig for a while, as I was able to  
> "personalize" it, with built in Z-Match, etc. You can see MP+ #16 at  
> <http://w2agn.net/mpplus.html>. I also have the MP+ SWR bridge built in,  
  
> with display on front panel.

Talk about trouble-shooting. Couldn't figure why above link didn't work.

Than I noticed the "." at the end was messing it up.

<http://w2agn.net/mpplus.html>

John W2AGN  
  
-----



Date: Thu, 15 Jan 2004 15:04:45 -0500  
From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [165420] Re: FA: New England QRP "40-40" 40 meter QRP transceiver  
unbuilt kit  
Message-ID: <6.0.0.22.2.20040115150300.01e4b130@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Then why not just offer it to QRP-L (e.g. one of us) first Rick?

///snip

>Hope one of you can get it put together and on the air!  
>  
>73 from Rick W6NIR

>///snip

Ed

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

-----  
"He that gives up a little liberty to gain  
temporary security will lose both and  
deserve neither".  
--Benjamin Franklin

"Suppose you were an idiot ...  
and suppose you were a member of  
Congress... but I repeat myself."  
--Mark Twain  
-----

-----  
Date: Thu, 15 Jan 2004 15:08:24 -0500  
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [165421] Instructions for Tick-4

Message-ID: <011901c3dba3\$55107540\$220110ac@gateway.2wire.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy Gang:

Many thanks to all those folks that offered assistance with the Tick-4 instructions.

I have what I need now so no further assistance is required.

73, Joe W2KJ

-----  
Date: Thu, 15 Jan 2004 13:14:54 -0700  
From: "Bob Hightower" <rhightower@cox.net>  
To: <jaevans@mail.codenet.net>  
Cc: "qrp" <qrp-1@lehigh.edu>  
Subject: [165422] Re: FYBO 04 Rules  
Message-ID: <001001c3dba4\$3d6c19c0\$6501a8c0@Bobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Should work now...had to fix it. :^(

Bob

----- Original Message -----

From: "John\_Evans" <jaevans@mail.codenet.net>  
To: <rhightower@cox.net>  
Sent: Thursday, January 15, 2004 11:35 AM  
Subject: Re: FYBO 04 Rules

> Bob,  
>  
> the page fails for me. any ideas?  
>  
> tnx,  
> john  
>  
>

> ----- Original Message -----  
> From: "Bob Hightower" <rhightower@cox.net>  
> Reply-To: rhightower@cox.net  
> Date: Thu, 15 Jan 2004 11:19:31 -0700  
>  
> >The FYBO 04 Rules are posted at  
http://www.extremezone.com/~nk7m/fybo04.htm  
> >  
> >Sorry for the delay, but there were some final decisions to be made.  
> >  
> >Bob NK7M  
> >  
> >  
>

-----  
Date: Thu, 15 Jan 2004 15:29:59 -0500  
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [165423] Voltage regulator in NC/RH series transceivers  
Message-ID: <017901c3dba6\$59104b40\$220110ac@gateway.2wire.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy Gang:

Just finished up a RH-40 kit I was lucky to have purchased recently. I recalled from my NC-20 building days that some bad regulators were shipped with some of the kits. My NC-20 was OK but others suffered.

Well, don't you know it my newly built RH-40 had the same regulator caused chirp. I found a suitable replacement regulator chip in the junk box that had a Motorola logo on it installed it and VOILA..no more chirp problem.

I wonder if our kit providers can't buy quality parts anymore to prevent things like this from happening. I read recently where Motorola sold out its transistor and IC production dies to another company. Could be that there are slim pickings out there for our kit providers to buy from.

So, if anyone out there with a NC/RH kit that is slightly chirping, try and get a quality Motorola regulator 78L08ACZ and your chirp will probably disappear like mine did.

73, Joe W2KJ  
North Carolina  
I QRP, therefore I am

-----  
Date: Thu, 15 Jan 2004 15:34:38 -0500  
From: "John" <johndorson@worldshare.net>  
To: <rsrolfne@atnet.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [165424] Re: Cable for ScQRPion Paddle  
Message-ID: <002e01c3dba7\$034327e0\$267d8d41@ATHOME>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all to the group of ScQRPion Paddle builders. Well I just got my # 096 connected to my keyer. Took some time to build it and there it sat as I could not decide what to do regarding the cable. Well low and behold after reading the post about using those \$1.00 earphone cables I dug one out of the draw. A little hard to work with those tiny wires but got it done. I used a glue gun to secure the wires to the bottom of the base and that turned out fine. Hope to get back on the air shortly with my new and great key.

Oh yes, I want to thank the groul that put this kit together. You did a wonderful job and I feel sorry for any CW op who does not get one.

John K2JHU...

-----  
Date: Thu, 15 Jan 2004 15:33:57 -0500 (EST)  
From: <ah7i@atl.org>  
To: <w5xe@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165425] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!\*\*\*  
Message-ID: <Pine.LNX.4.33.0401151533220.22371-1000000@localhost.localdomain>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just flash your Federal Radio License!

-----  
Date: Thu, 15 Jan 2004 13:38:22 -0700  
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
To: "'Karl Larsen'" <k5di@zianet.com>,  
Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165426] RE: Front end filters  
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734E80@az33exm05.corp.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain

My understanding of 40m noise level is that is hardly ever gets less than -116 dbm. On the other hand, typical ham rigs have a sensitivity of around -136 dbm with the preamp on, and -130 dbm with the preamp off.

The conclusion I could draw is that not only is a preamp not useful on 40m with a average 40m antenna, but that an extra 10 to 15 db of attenuation on the receive side would not hurt sensitivity, and would significantly help large signal performance of the rig a lot.

On the other hand, I have heard copy able QRP signals on a -143 dbm receiver on 20m that were not there on the same antenna when using a -136 dbm receiver (K2). Thus, I would rather not give up sensitivity on 20m.

- Dan, N7VE

> -----Original Message-----  
> From: Karl Larsen [mailto:k5di@zianet.com]  
> Sent: Thursday, January 15, 2004 11:15 AM  
> To: Tayloe Dan-P26412  
> Cc: Low Power Amateur Radio Discussion  
> Subject: RE: Front end filters  
>  
>  
> On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:  
>  
> > It simply means that on 40m sensitivity is not an issue, so  
> the trade can be made for less sensitivity (increased loss)  
> and a more narrow response. I would not use a pre-amp on  
> 40m. I think the trade is different on 20 or 15m where the  
> noise levels are much lower.  
> >  
>  
> Yes. My Yaesu FT-817 has a switch on the pre-amp and I turn it  
> off for 40 Fox Hunts. I have turned it on looking for a Fox I cannot

> hear and to date it has never helped.  
>  
>  
> What I am amazed at is the filtering on all frequency  
> receivers.  
> They use a high frequency first mixer and have LC bandpass  
> filters all  
> over the place. All this costs money and so expensive  
> receivers do work  
> better.  
>  
>  
>  
>  
> > - Dan, N7VE  
> >  
> > > -----Original Message-----  
> > > From: Karl Larsen [mailto:k5di@zianet.com]  
> > > Sent: Wednesday, January 14, 2004 5:01 PM  
> > > To: Tayloe Dan-P26412  
> > > Cc: Low Power Amateur Radio Discussion  
> > > Subject: Re: Front end filters  
> > >  
> > >  
> > > On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:  
> > >  
> > > > On the same subject: When there's a preamp in the design,  
> > > they usually  
> > > > put a broad filter in front of it and a narrow filter  
> > > after it. I would  
> > > > have thought it would be better to get rid of most of the  
> > > unwanted  
> > > > signals before a gain stage? What am I missing?  
> > > >  
> > > > The narrower the filter, the higher the loss. A filter  
> > > that has higher Q  
> > > > components (inductors) can be made into a narrower filter  
> > > for the same loss.  
> > > >  
> > > > In general, most of the T-50 sized toroid cores have Qs in  
> > > the 200 to 300  
> > > > range, so a 14 MHz bandpass filter is often 400 KHz or so  
> > > to keep the loss  
> > > > under 1 db. On the other hand, a crystal has a Q of  
> > > 300,000 or so, which  
> > > > allows us to have 500 Hz bandpass filters with only a few  
> > > db of loss.  
> > > >

> > > > Because the preamp is being used to establish a low noise  
> > > figure for the  
> > > > receiver, it needs to have a low loss in front of it, since  
> > > filter loss  
> > > > will degrade the resulting noise figure db for db.  
> > >  
> > > Yes Dan I agree with all that, but for 40 meters and longer  
> > > wavelengths the Band Noise is so high that it swamps out  
> almost the  
> > > poorest pre-amp noise. So a filter might be good even though it  
> > > introduces a higher noise figure.  
> > >  
> > > When your at 2 meters and above the band noise (sun and star  
> > > radiation) is so low you can build a 1/2 DB noise figure  
> > > receiver with a  
> > > Gallium Arsenide fet, and put that at the antenna with a  
> mixer. I did  
> > > that some years ago and then discovered I could track the sun  
> > > on noise  
> > > alone.  
> > >  
> > >  
> > >  
> > > After the signal has  
> > > > been amplified and the noise figure established, a more  
> > > narrow filter (with  
> > > > higher loss) can be used without hurting the  
> sensitivity as much.  
> > > >  
> > >  
> > > Yes.  
> > >  
> > > > In general the first filter width is a trade between signal  
> > > rejection performance  
> > > > (bandwidth) and loss (effect on receiver sensitivity).  
> > > >  
> > > > - Dan, N7VE  
> > > >  
> > > >  
> > > >  
> > >  
> > > --  
> > >  
> > > - Karl Larsen k5di Las Cruces, NM Az ScQRPions -  
> > >  
> >  
>  
> --

>  
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -  
>

-----  
Date: Thu, 15 Jan 2004 15:59:34 -0500  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [165427] RE: Disappointing QSOs last night  
Message-ID: <721D3436A7C2B344A301FD4A413C71A9025125BF@kosh.arrlhq.org>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Most of the buttheads I have run across over the years have been old =  
timers,=20  
so I wouldn't blame the newcomers.

Funny how the "fewer requirements" are what have taken us from an =  
entry-level=20  
exam that was covered by 3.5 pages in the ARRL study guide and a General =  
with=20  
all operating privileges that had a 16-page study guide (1964, my era) =  
to an exam=20  
whose entry-level study guides can be as much as 200 pages (today).

How can this much change be characterized as "fewer requirements?" If =  
W1BNB had=20  
handed me a 200-page Now You're Talking instead of a 3.5 page chapter in =  
a book, I=20  
would not have become licensed at age 13.

73,=20  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU=20



> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> Jim Sheldon  
> Sent: Thursday, January 15, 2004 11:04 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: RE: Disappointing QSOs last night  
>=20  
>=20  
> John,  
> Don't judge the whole bunch by one "ButtHead". Even though they are  
> increasing in numbers due to the influx of "CB"'ers into the=20  
> hobby by the  
> fewer requirements, Most of the people out there aren't that way.  
>=20  
> Since acquiring a Small Wonder Labs PSK-20 rig in the FPQRP=20  
> "Worked All  
> Pigs" contest for 2003, and hooking a vfo to it, I've been=20  
> playing around on  
> QRP RTTY. This has traditionally been a mode that requires=20  
> higher power to  
> operate, but I've had no problem making some very nice=20  
> contacts with 3 - 4  
> watts on 20 meters. Not one of the guys I've worked had=20  
> anything bad to say  
> about it, and they were all willing to put up with a few hits=20  
> on the copy,  
> including a 5 way roundtable with stations ranging from Mississippi to  
> California. The same has been true of MFSK and PSK contacts=20  
> as well. It  
> seems that it's only the SSB ops that have become "jerks" as=20  
> I've never  
> found a CW operator, even those who aren't QRP'ers, to be=20  
> discourteous (with  
> the exception of the testers. In a major contest,=20  
> courtesy goes out the  
> window just like "Road Rage" on a major highway).  
>=20  
> 73/72/ Have Fun - Life's too short NOT to run QRP!  
>=20  
> Talk is Cheap, Real Hams BEEP!  
>=20  
> Jim, W0EB  
>=20  
> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU=20  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> John Oppenheimer  
> Sent: Thursday, January 15, 2004 8:50 AM  
> To: Low Power Amateur Radio Discussion

> Subject: Disappointing QSOs last night  
>=20  
>=20  
> Last night was not a good night for operating QRP. Not the conditions,  
> the people. First I check in on a 20 meter SSB informal net=20  
> to say "hi"  
> to my buddy that is almost always there. When found that I was only at  
> 10 watts, someone, didn't catch the call, started complaining=20  
> about how  
> QRPer should just go somewhere else and are not tolerated by him.  
>=20  
> After my quick "hi" to my buddy I dropped down to 14.061 and starting  
> calling CQ on the clear frequency. After a while VE7CBU answers. Gives  
> me a 579 report and states, "sum qsb but copy OK" and address me by  
> name, which I only gave once (my trick I use sometimes to find if the  
> other station can copy me). After I report my QRP status, he=20  
> than sends  
> "QRP is fun to transmit, but not fun to receive," lowers his=20  
> power to 10  
> watts, which I admit, I have much difficulty copying and starts a  
> monologue. I turned off my rig at that time.  
>=20  
> But I feel a little better this morning, a quick google=20  
> search on VE7CBU  
> returned [http://www.lprc.net/ragchewer/html/rc\\_10-03.htm](http://www.lprc.net/ragchewer/html/rc_10-03.htm),=20  
> search on the  
> page for VE7CBU.  
>=20  
> A thought to remember, it's a multi interest hobby with room=20  
> for all of  
> us. Be tolerant of the interests of others.  
>=20  
> John  
>=20  
>=20

-----

Date: Thu, 15 Jan 2004 16:01:07 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [165428] RE: Front end filters  
Message-ID: <721D3436A7C2B344A301FD4A413C71A9025125C0@kosh.arrlhq.org>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

It is easier to throw away sensitivity with an attenuator than to get = sensitivity that you don't have, so always go for the flexibility of a = sensitive receiver and a versatile attenuator.

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU=20

> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Tayloe Dan-P26412

> Sent: Thursday, January 15, 2004 3:38 PM

> To: Low Power Amateur Radio Discussion

> Subject: RE: Front end filters

>=20

>=20

> My understanding of 40m noise level is that is hardly ever=20

> gets less than -116 dbm. On the other hand, typical ham rigs=20

> have a sensitivity of around -136 dbm with the preamp on, and=20

> -130 dbm with the preamp off. =20

>=20

> The conclusion I could draw is that not only is a preamp not=20

> useful on 40m with a average 40m antenna, but that an extra=20

> 10 to 15 db of attenuation on the receive side would not hurt=20

> sensitivity, and would significantly help large signal=20

> performance of the rig a lot.

>=20

> On the other hand, I have heard copy able QRP signals on a=20

> -143 dbm receiver on 20m that were not there on the same=20

> antenna when using a -136 dbm receiver (K2). Thus, I would=20

> rather not give up sensitivity on 20m.

>=20

> - Dan, N7VE

>=20

> > -----Original Message-----

> > From: Karl Larsen [mailto:k5di@zianet.com]

> > Sent: Thursday, January 15, 2004 11:15 AM

> > To: Tayloe Dan-P26412

> > Cc: Low Power Amateur Radio Discussion

> > Subject: RE: Front end filters  
> >=20  
> >=20  
> > On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:  
> >=20  
> > > It simply means that on 40m sensitivity is not an issue, so=20  
> > the trade can be made for less sensitivity (increased loss)=20  
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> > noise levels are much lower.  
> > >=20  
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> > Yes. My Yaesu FT-817 has a switch on the pre-amp and I turn it=20  
> > off for 40 Fox Hunts. I have turned it on looking for a Fox=20  
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> >=20  
> >=20  
> > What I am amazed at is the filtering on all frequency=20  
> > receivers.=20  
> > They use a high frequency first mixer and have LC bandpass=20  
> > filters all=20  
> > over the place. All this costs money and so expensive=20  
> > receivers do work=20  
> > better.  
> >=20  
> >=20  
> >=20  
> >=20  
> > > - Dan, N7VE  
> > >=20  
> > > > -----Original Message-----  
> > > > From: Karl Larsen [mailto:k5di@zianet.com]  
> > > > Sent: Wednesday, January 14, 2004 5:01 PM  
> > > > To: Tayloe Dan-P26412  
> > > > Cc: Low Power Amateur Radio Discussion  
> > > > Subject: Re: Front end filters  
> > > >=20  
> > > >=20  
> > > > On Wed, 14 Jan 2004, Tayloe Dan-P26412 wrote:  
> > > >=20  
> > > > > On the same subject: When there's a preamp in the design,=20  
> > > > they usually=20  
> > > > > put a broad filter in front of it and a narrow filter=20  
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> > > > > have thought it would be better to get rid of most of the =20  
> > > > unwanted=20  
> > > > > signals before a gain stage? What am I missing?

> > > > >=20  
> > > > > The narrower the filter, the higher the loss. A filter=20  
> > > > > that has higher Q  
> > > > > components (inductors) can be made into a narrower filter=20  
> > > > > for the same loss. =20  
> > > > >=20  
> > > > > In general, most of the T-50 sized toroid cores have Qs in=20  
> > > > > the 200 to 300  
> > > > > range, so a 14 MHz bandpass filter is often 400 KHz or so=20  
> > > > > to keep the loss  
> > > > > under 1 db. On the other hand, a crystal has a Q of=20  
> > > > > 300,000 or so, which  
> > > > > allows us to have 500 Hz bandpass filters with only a few=20  
> > > > > db of loss.  
> > > > >=20  
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> > > > > figure for the  
> > > > > receiver, it needs to have a low loss in front of it, since=20  
> > > > > filter loss  
> > > > > will degrade the resulting noise figure db for db.  
> > > >=20  
> > > > Yes Dan I agree with all that, but for 40=20  
> meters and longer=20  
> > > > wavelengths the Band Noise is so high that it swamps out=20  
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> > > > poorest pre-amp noise. So a filter might be good even though it=20  
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> > > >=20  
> > > > When your at 2 meters and above the band noise=20  
> (sun and star=20  
> > > > radiation) is so low you can build a 1/2 DB noise figure=20  
> > > > receiver with a=20  
> > > > Gallium Arsenide fet, and put that at the antenna with a=20  
> > mixer. I did=20  
> > > > that some years ago and then discovered I could track the sun=20  
> > > > on noise=20  
> > > > alone.  
> > > >=20  
> > > >=20  
> > > >=20  
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> > > > > been amplified and the noise figure established, a more=20  
> > > > > narrow filter (with  
> > > > > higher loss) can be used without hurting the=20  
> > sensitivity as much.  
> > > > >=20  
> > > >=20  
> > > > Yes.

> > > >=20  
> > > > In general the first filter width is a trade between signal=20  
> > > > rejection performance  
> > > > (bandwidth) and loss (effect on receiver sensitivity).  
> > > > >=20  
> > > > - Dan, N7VE  
> > > > >=20  
> > > > >=20  
> > > > >=20  
> > > >=20  
> > > > --=20  
> > > > =20  
> > > > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
> > > >=20  
> > >=20  
> >=20  
> > --=20  
> > =20  
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
> >=20  
>=20

-----  
Date: Thu, 15 Jan 2004 13:17:05 -0600  
From: Mark Milburn <mark.milburn@ispwest.com>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [165429] Iowa QRP Club CW Net  
Message-ID: <4006E731.5090007@ispwest.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Seems to me the band is getting a little better, maybe we are past the worst of it. Wednesday night our brave souls included:

KQ0I	Mark	Iowa
NI0I	Tom	South Dakota
WA8BXN	Mike	Ohio
W5USJ	Chuck	Texas
AA1MY	Seab	Maine

Could be you. Check in on 3.709 next Wednesday night

72 Mark KQ0I  
Des Moines, Iowa

-----  
Date: Thu, 15 Jan 2004 16:13:07 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <tjmc@erols.com>  
Subject: [165430] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!\*\*\*  
Message-ID: <00fd01c3dbac\$5fdf3f70\$090044c0@BrianBoru>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I would have a copy of the communications act handy, with a bookmark on sec.333. And of course, as Bob points out, a copy of your federally issued license.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----  
From: "TJM" <tjmc@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 15, 2004 2:01 PM  
Subject: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!\*\*\*

> I'm trying to decide if the permit is worth the money...  
>  
> See below letter for how this started and letter to parks dept.  
>  
>  
> It now appears I must ( and each member who wishes to operate ) obtain a  
> yearly permit issued by the NYS Parks Dept to operate a radio in the park.  
>  
> Today in the mail I received the letter/permit form from the Office of  
> Parks / Recreation , Long Island State Region, Babylon, NY.  
> The permit is valid for ONE Year at a cost of \$50. The Permit is valid  
> ONLY in Sunken Meadow State Park and must be carried on the person.  
> The permit still requires the access fee to be paid (another aprox \$7).  
>  
>  
> So what to do?? I'm wondering if it's worth it??  
>  
> all best  
> Tom aa2vk  
>

>  
>  
>  
> >  
> > ----- Original Message -----  
>  
> > Subject: outing at the beach  
> > Date: Tue, 23 Dec 2003 16:55:47 -0500  
> > From: TJM <tjmc@erols.com>  
> > To: LIQRP <liqrp@mailman.qth.net>  
> >  
> > Hi Group,  
> >  
> > Went out to Sunken Meadow St Park ( LI, NY ) today. Sun was nice but  
> > a bit cool! ;) The W1FE wanted to run, so I took along my DSW-20 and  
> > 10m pole. Set up was at the beach, on the boardwalk using the picnic  
> > tables that are there year round.  
> >  
> > Put the fiber pole into the hole for umbrellas ( removed the two  
> > bottom sections ) tape a wire onto it and pulled it up for a max  
> > height of 25ft. Worked N5DMC, Jerry of MS and K4YKI, Norm of KY on  
> > 2.5 watts...  
> >  
> > While I was working K4YKI, a State Park Police comes up to me and  
> > asks if I had a permit. I said I wasn't aware that one was needed...  
> > He says the pole is to tall and tells me to take it down... I say  
> > ok... before I get to ask any more questions, he's gone. So, I pack  
> > up, get the W1FE, walk over to the Park office to ask why I need a  
> > permit and under what ordinance....Of course the St PD is gone ( went  
> > home ) and the Park Office employees have no knowledge...  
> >  
> > SO , I have to wait till the Main Park office is open to get some  
> > answers.  
> >  
> > More to come on this!  
> >  
> > all best Tom aa2vk  
>  
>  
>  
> LETTER to NYS Parks Dept;  
>  
> > 12/24/2003  
> >  
> >  
> > To: Long Island State Parks  
> >  
> > From: Thomas McCuen; AA2VK



> >  
> > Re: Permission/Permit for Amateur Radio Operation in the Sunken  
> > Meadow Park  
> >  
> >  
> > 1) I, Thomas McCuen, am requesting permission to allow operation of  
> > an amateur radio while in the park during normal business hours. This  
> > request is due to a State Park Officer advising me a permit was  
> > required for operation.  
> >  
> > 2) This radio operation is of Amateur type usage of which I am  
> > licensed for by the F.C.C.  
> >  
> > 3) The radio is a small portable transmitter/receiver that is less  
> > than 5"x5"x5" in size. The radio is powered by a small battery or  
> > battery pack comprised of "AA" type batteries. Transmitted power is  
> > of a low amount, usually less than 3 watts, so as not to interfere  
> > with any other normal Park operations. The antenna is a small wire  
> > that is vertically supported on a fiberglass-fishing pole. The form  
> > of transmission is usually in the form of Morse Code and headphones  
> > are worn so as not to disturb others in the park.  
> >  
> > 4) Attached is a copy of my FCC license and photos of equipment are  
> > available if requested.  
> >  
> >  
> > Thank You,  
> >  
> >  
> >  
> > Thomas McCuen  
> >  
> >  
> >  
> --  
> \*\*\*\*\*  
> \* Member of NORCAL, NJQRP, LIQRP, HFPAck \*  
> \* K2 #1213 \*  
> \* LIQRP Web Page : [www.qsl.net/liqrp](http://www.qsl.net/liqrp) \*  
> \* Personal web page : [www.erols.com/tjmc](http://www.erols.com/tjmc) \*  
> \*\*\*\*\*  
>  
>  
>  
>  
>

-----  
Date: Thu, 15 Jan 2004 22:22:25 +0100  
From: "Sverre Holm" <svholm2@broadpark.no>  
To: <mpupeza@sympatico.ca>,  
    "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [165431] RE: Want - DL-QRP-PA kit or built for QRP Plus.  
Message-ID: <002101c3dbad\$ac637450\$8e00a8c0@Master>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

> I'm looking for a DL-QRP-PA Kit or built (a small Linear Amp  
> 10W CW or PEP) to install in my Index Labs QRP Plus (early  
> version).

You can buy the kit from Funkamateur for 42 Euro with all SMD parts  
already soldered:  
<http://www.funkamateur.de/cgi-bin/fashop/bau49?DRWTa2be;;6>

I couldn't find any English page there, but documentation in English is  
here:  
<http://www.werdau.net/dl-qrp-ag/dl-qrp-pa1.htm>

--  
73,  
Sverre

-----  
Sverre Holm, LA3ZA  
[www.qsl.net/la3za](http://www.qsl.net/la3za)

-----  
Date: Thu, 15 Jan 2004 16:21:26 -0500  
From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>  
To: qrp-1@lehigh.edu  
Subject: [165432] New Altoids Ad  
Message-ID: <5.1.0.14.0.20040115161629.009e94d0@pop3.frontiernet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi. Keith here in the Depths of the Great BErgen Swamp

While I realize that most of the members on the List look at Altoids as a source of equipment cases only, some of us actually eat the mints and appreciate their bold taste, or something like that...

I just found a new ad for Altoids in a magazine at the day care center my wife works at, and it sums up the flavor 100%.

The ad has a beat up mime that is holding his hands to outline an Altoids tin. He's obviously been through a struggle and is recoiling from the pantomimed can.

I saw it in Newsweek, I am sure it will show up in other magazines. Check it out.

73, Keith, WB2VU0, Trustee of the NQ2RP/B 10-Meter Beacon  
28.2873 MHz on Your Radio Dial - 24/7

-----  
Date: Thu, 15 Jan 2004 16:28:25 -0500 (EST)  
From: <n2go@arrl.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [165433] WTB DB25P cable  
Message-ID: <Pine.LNX.4.33.0401151618560.9971-1000000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need a 25 conductor straight through cable with a DB-25P on each end. It should be shielded and all conductors present and no crossovers. 3 or 4 feet long would be best. I think these were used to connect to printer switches or some such thing. I need one to control my qrp rig. Anybody have one of these beasts?

73,

Jim n2go

-----  
Date: Thu, 15 Jan 2004 16:31:33 -0500  
From: Tom Mc <thom2@worldnet.att.net>  
To: brian-nsl@freenet.co.uk,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165434] Sun Spot Cycles Remembered  
Message-ID: <004f01c3dbae\$f42d2e60\$b34ab818@x2f6a2>

MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Hi Gang,

It seems that when we were younger time moved a lot slower.

I was first licensed in 1964 and at that time "they" told me that we were at the bottom of the worst sunspot cycle in memory (I guess "they" relied on memory a lot back then rather than just looking things up!).

But to tell you the truth, between me being a new ham and not knowing what I was doing (as opposed to now when I'm an old ham who doesn't know what he's doing), the power limit on novice licenses (75 watts INPUT in those days) and the generally poor band conditions due to the "worst sunspot cycle in memory", it was amazing that I made any contacts at all. Well, truth be told I didn't really make all that many contacts. Unless my buddies and I had a sked, the log book was filled with unanswered "CQ's" -- hmm remember that. One night I got so frustrated on 40 that I had a qso with a Soviet jammer. I was so certain that he was talking at me I just went ahead and gave him a report. Never did get a QSL.

Did you ever wonder why those Russian jammers weren't subject to the laws of physics surrounding the sunspot cycle...they just powered up and worked the world...amazing!

I'm not sure what the number of that cycle was or when we came out of it, I just new that as a kid it seemed that it dragged on forever. The old timers told me that when the sunspots got better I would be able to work the world on 10 meters by loading up anything, even the boxspring on my bed. (Well, we didn't know too much about the dangers of RF in those days.)

So now that we are again at the bottom of a sunspot cycle, as undoubtedly I am at some point in some of life's other cycles, I'm not so anxious to rush to 2011, or whenever the next peak will be, I've learned that with increased sunspots comes increased gray hair, increased aches in the knees, and fewer buddies to set up skeds with.

Thanks for being out there for me.

Tom McCulloch  
WB2QDG  
(Still chasing those jammers)

-----Original Message-----

From: brian russell <brian-nsl@freenet.co.uk>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Thursday, January 15, 2004 2:44 PM  
Subject: Re: What Part of Sun Spot Cycle ????

Hi gang,

Interesting comments on the present sunspot cycle, according to the "experts" cycle 23 has been very poor in the sense that over the bigger picture of the 100 year cycle it has been at the bottom of the trough. They said things could be worse, and they were hi!

72, Brian. G0NSL-QRP.

----- Original Message -----

From: "Pat Whelton" <pwhelton@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, January 14, 2004 9:40 PM

Subject: What Part of Sun Spot Cycle ????

> I realize there is such a thing as an 11 year sun spot cycle and things  
> can  
> get downright stinko at the low end of the cycle as far as radio wave  
> propagation goes.  
>  
> Without getting all technical on me and talking about K indexes, MUF,  
> geomagnetic activity, ionospheric absorption, aurora effect, F2 ionization  
> and basically showing off your smarts can someone tell me where we are in  
> the 11 year cycle? Are we at the beginning, the middle or the end?  
>  
> In other words, how much longer do we have to put up with these crappy  
> conditions? I think I got back into the hobby at exactly the wrong time.  
>  
> Thanks,  
> Pat  
>

-----  
Date: Thu, 15 Jan 2004 16:39:35 -0500

From: "JBCrafts" <jbcraft@adelphia.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [165435] RE: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY  
Park!!\*\*\*

Message-ID: <AGEJJBFLLPLHMOECFDIN00EGLEKAA.jbcraft@adelphia.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I can see it now, you need a permit to operate a CELL PHONE in the park too?

Bob K8YS

-----  
Date: Thu, 15 Jan 2004 22:45:58 +0100  
From: "Sverre Holm" <svholm2@broadpark.no>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [165436] Toroids and magnets  
Message-ID: <002201c3dbb0\$f66e32d0\$8e00a8c0@Master>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I think I have seen warnings about not putting an antenna with a magnetic mount close to a rig with toroids, because the toroids would be permanently altered.

Is this correct? and how close is too close for say my Elecraft K2? - and what happens physically to the coils? Does it happen both to ferrites and to iron-powder cores?

Thanks!

--  
73,  
Sverre

-----  
Sverre Holm, LA3ZA  
[www.qsl.net/la3za](http://www.qsl.net/la3za)

-----  
Date: Thu, 15 Jan 2004 16:54:51 -0500  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <wkhibbert@frontiernet.net>  
Cc: <qrp-l@Lehigh.EDU>  
Subject: [165437] Re: New Altoids Ad  
Message-ID: <000b01c3dbb2\$33fbafa0\$9f131443@kntnny.adelphia.net>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Keith

During the holiday, I picked up the Altoids Trio Tin. It contains spearmint, peppermint and cinnamon 'toids. I can't stand the cinnamon ones, the wife eats them up. Ying and yang.

The tin is really cool, only saw it on eBay just before Xmas. I don't know if I'll make an amateur satellite out of it, or a robot rover. There is a lot of room in it!

Also tried the Altoids gum. The tin could make a dandy LED pocket light. The gum is actually more palatable than the mints.

72

Howard Kraus, K2UD

----- Original Message -----

From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, January 15, 2004 4:21 PM

Subject: New Altoids Ad

> Hi. Keith here in the Depths of the Great BErgen Swamp  
>  
> While I realize that most of the members on the List look at Altoids as a  
> source of equipment cases only, some of us actually eat the mints and  
> appreciate their bold taste, or something like that...  
>  
> I just found a new ad for Altoids in a magazine at the day care center my  
> wife works at, and it sums up the flavor 100%.  
>  
> The ad has a beat up mime that is holding his hands to outline an Altoids  
> tin. He's obviously been through a struggle and is recoiling from the  
> pantomimed can.  
>  
> I saw it in Newsweek, I am sure it will show up in other magazines. Check  
> it out.  
>  
> 73, Keith, WB2VU0, Trustee of the NQ2RP/B 10-Meter Beacon  
> 28.2873 MHz on Your Radio Dial - 24/7  
>

-----  
Date: Thu, 15 Jan 2004 17:00:53 -0500  
From: Lee Mairs <lmairs@direcway.com>  
To: tjmc@erols.com,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [165438] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!\*\*\*  
Message-ID: <02c401c3dbb3\$12cadee0\$0200a8c0@J4>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Only on Long Island could they come up with a scheme like this. Frankly, I can't believe it is legal for the LISPC to require a permit to operate a Federal Communications Commission licensed amateur station on LISPC grounds. What is to prevent the Town of Babylon, Suffolk County or any other agency to require similar fees to operate mobile in their jurisdictions?

Please don't buy the permit. Write the FCC and your federal representatives first.

73 de Lee, KM4YY/8  
Summer Oak Island resident and formerly WA2DFK

----- Original Message -----  
From: "TJM" <tjmc@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 15, 2004 2:01 PM  
Subject: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY Park!!\*\*\*

> I'm trying to decide if the permit is worth the money...  
>  
> See below letter for how this started and letter to parks dept.  
>  
>  
> It now appears I must ( and each member who wishes to operate ) obtain a  
> yearly permit issued by the NYS Parks Dept to operate a radio in the park.  
>  
> Today in the mail I received the letter/permit form from the Office of  
> Parks / Recreation , Long Island State Region, Babylon, NY.  
> The permit is valid for ONE Year at a cost of \$50. The Permit is valid  
> ONLY in Sunken Meadow State Park and must be carried on the person.  
> The permit still requires the access fee to be paid (another aprox \$7).  
>  
>



> So what to do?? I'm wondering if it's worth it??  
>  
> all best  
> Tom aa2vk  
>  
>  
>  
>  
> >  
> > ----- Original Message -----  
>  
> >Subject: outing at the beach  
> >Date:> Tue, 23 Dec 2003 16:55:47 -0500  
> >From: TJM <tjmc@erols.com>  
> >To: LIQRP> <liqrp@mailman.qth.net>  
> >  
> > Hi Group,  
> >  
> > Went out to Sunken Meadow St Park ( LI, NY ) today. Sun was nice but  
> > a bit cool! ;) The W1FE wanted to run, so I took along my DSW-20 and  
> > 10m pole. Set up was at the beach, on the boardwalk using the picnic  
> > tables that are there year round.  
> >  
> > Put the fiber pole into the hole for umbrellas ( removed the two  
> > bottom sections ) tape a wire onto it and pulled it up for a max  
> > height of 25ft. Worked N5DMC, Jerry of MS and K4YKI, Norm of KY on  
> > 2.5 watts...  
> >  
> > While I was working K4YKI, a State Park Police comes up to me and  
> > asks if I had a permit. I said I wasn't aware that one was needed...  
> > He says the pole is to tall and tells me to take it down... I say  
> > ok... before I get to ask any more questions, he's gone. So, I pack  
> > up, get the W1FE, walk over to the Park office to ask why I need a  
> > permit and under what ordinance....Of course the St PD is gone ( went  
> > home ) and the Park Office employees have no knowledge...  
> >  
> > SO , I have to wait till the Main Park office is open to get some  
> > answers.  
> >  
> > More to come on this!  
> >  
> > all best Tom aa2vk  
>  
>  
>  
> LETTER to NYS Parks Dept;  
>  
> > 12/24/2003

> >  
> >  
> > To: Long Island State Parks  
> >  
> > From: Thomas McCuen; AA2VK  
> >  
> > Re: Permission/Permit for Amateur Radio Operation in the Sunken  
> > Meadow Park  
> >  
> >  
> > 1) I, Thomas McCuen, am requesting permission to allow operation of  
> > an amateur radio while in the park during normal business hours. This  
> > request is due to a State Park Officer advising me a permit was  
> > required for operation.  
> >  
> > 2) This radio operation is of Amateur type usage of which I am  
> > licensed for by the F.C.C.  
> >  
> > 3) The radio is a small portable transmitter/receiver that is less  
> > than 5"x5"x5" in size. The radio is powered by a small battery or  
> > battery pack comprised of "AA" type batteries. Transmitted power is  
> > of a low amount, usually less than 3 watts, so as not to interfere  
> > with any other normal Park operations. The antenna is a small wire  
> > that is vertically supported on a fiberglass-fishing pole. The form  
> > of transmission is usually in the form of Morse Code and headphones  
> > are worn so as not to disturb others in the park.  
> >  
> > 4) Attached is a copy of my FCC license and photos of equipment are  
> > available if requested.  
> >  
> >  
> > Thank You,  
> >  
> >  
> >  
> > Thomas McCuen  
> >  
> >  
>  
> --  
>  
> \*\*\*\*\*  
> \* Member of NORCAL, NJQRP, LIQRP, HFPAck \*  
> \* K2 #1213 \*  
> \* LIQRP Web Page : [www.qsl.net/liqrp](http://www.qsl.net/liqrp) \*  
> \* Personal web page : [www.erols.com/tjmc](http://www.erols.com/tjmc) \*  
> \*\*\*\*\*  
>  
>

>  
>  
>

-----  
Date: Thu, 15 Jan 2004 17:06:16 -0500  
From: Frank Brickley <brickley@pobox.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [165439] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY  
Park!!\*\*\*  
Message-ID: <40070ED8.60803@pobox.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7BIT

Sometimes it helps to have ARES/RACES identifying material  
in a conspicuous place. It's all part of emergency  
preparedness, after all. Tell people that and they'll often  
leave you alone.

You could probably start an interminable thread here on the  
bureaucratic difficulties people have experienced trying to  
operate from the field. (Or getting \*to\* the field with your  
gear, especially if you fly on a commercial carrier, lately.)

Some places they don't even give you a second look because  
there are hams crawling out from under every rock and have  
been for years -- Mt. Greylock in MA or High Point in NJ,  
places like that. Occasionally there are even rangers who  
are hams.

Other places, 80% of the onlookers come up and ask if you're  
a storm chaser. This is especially amusing when it's a  
completely clear, sunny day.

OTOH last fall I was participating in the SET and got  
visited by three different sets of peace officers (park,  
township, state), and they'd all been notified officially  
about the exercise weeks in advance anyway...

73  
Frank  
AB2KT

John J. McDonough wrote:  
> I would have a copy of the communications act handy, with a bookmark on

> sec.333. And of course, as Bob points out, a copy of your federally issued  
> license...

-----  
Date: Thu, 15 Jan 2004 17:19:18 -0500  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <rhightower@cox.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [165440] Re: FYBO 04 Rules  
Message-ID: <006b01c3dbb5\$9e49b520\$9f131443@kntnny.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I do believe there should be a multiplier for temperatures below zero, which the Northeast is experiencing right now. Hey, if you can get your rig to work at these temps, and you're silly enough to go out in this nostril-hair freezing WX, it ought to be worth at least a X10 multiplier.

My jacket actually got so cold that it krinkled today.

72 (I wish)

Howard Kraus, K2UD  
Minus 2F at sundown----- Original Message -----  
From: "Bob Hightower" <rhightower@cox.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, January 15, 2004 1:19 PM  
Subject: FYBO 04 Rules

> The FYBO 04 Rules are posted at  
> <http://www.extremezone.com/~nk7m/fybo04.htm>  
>  
> Sorry for the delay, but there were some final decisions to be made.  
>  
> Bob NK7M  
>  
>

-----  
Date: Thu, 15 Jan 2004 22:22:35 -0000  
From: "Dick" <dick@pascoes.plus.com>

To: <qrp-1@Lehigh.EDU>  
Subject: [165441] ARCI Announcement  
Message-ID: <001e01c3dbb6\$14a3b630\$6a329fd4@main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks:

Following the recent 'take-over bid' you will have heard that we have a new President of QRP-ARCI; Dick G0BPS. The new Vice President is Ken Evans W4DU a long standing and well respected member of the club.

As we took office with effect from 1st January it meant that there were two places vacant on the Board of Directors.

I am delighted and honoured to announce that Bill Kelsey N8ET and Ed Hare W1RFI have been appointed by the membership and approved by the B.O.D. They both have taken office with effect from 1st January 2004.

I take this opportunity to thank Joe Spencer for his work over the past 2 years and welcome to the Board two excellent members.

We now have a superb B.O.D. working for ALL QRP'ers.

Dick Pascoe G0BPS  
President QRP-ARCI. (QRP-Amateur Radio Club International - [www.qrparci.org](http://www.qrparci.org))

Fishing is the closest thing to doing nothing at all, without getting into politics.

All mail from me is checked by Norton before posting and is (hopefully) Virus Free.

-----

Date: Thu, 15 Jan 2004 16:26:31 -0600  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-1 reflector" <qrp-1@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [165442] HELP = Emtech ZM-2 pictorial/diagram  
Message-ID: <4120041415222631171@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Have an ailing ZM-2 tuner by Emtech. A part has come loose, and I cannot determine where to re-attach it. Can someone please send me a picture of the instructions? Sure would appreciate it. I can receive .PDF and attachments, no problem. Thanks in advance for any help.

73,

--Doc/K0EVZ

-----  
Date: Thu, 15 Jan 2004 17:43:01 -0500  
From: John Sielke <jsielke@pobox.com>  
To: qrp-1@lehigh.edu  
Subject: [165443] RE: Want - DL-QRP-PA kit or built for QRP Plus.  
Message-ID: <40071775.3090008@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

> You can buy the kit from Funkamateur for 42 Euro with all SMD parts  
> already soldered:  
> <http://www.funkamateur.de/cgi-bin/fashop/bau49?DRWTa2be;;6>  
>  
> I couldn't find any English page there, but documentation in English is  
> here:  
> <http://www.werdau.net/dl-qrp-ag/dl-qrp-pa1.htm>  
>  
>

Not sure why you would want it for QRP+, as it puts out 5 watts anyway, but I installed one a couple years ago in my Sierra, and it really works! Can get 7 watts out even on 10M. (I built a brass heatsink on back of Sierra Case).

John W2AGN

-----  
Date: Thu, 15 Jan 2004 15:42:54 -0700

From: "NORM KLIEMAN" <k9nk@msn.com>  
To: "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [165444] FOR SALE- DSW-20 - FREE BATTERY - FREE SHIPPING  
Message-ID: <BAY5-DAV591h1jYhA0y0000558c@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FOR SALE - DSW-20 Excellent Condition with cool blue Small Wonder Labs  
case. Also includes a like new Free 1.2 AH Gell Cell.

\$115 with free shipping anywhere in lower 48 states

Contact me direct at: k9nk@msn.com

-----  
Date: Thu, 15 Jan 2004 17:54:24 -0500 (Eastern Standard Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: <qrp-1@Lehigh.EDU>, <dock0evz@earthlink.net>  
Subject: [165445] Re: HELP = Emtech ZM-2 pictorial/diagram  
Message-ID: <40071A20.000007.02844@etower>  
MIME-Version: 1.0  
Content-Type: Text/Plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Doc ---

Google found a bunch of references to that tuner, here are a couple of  
sites that have some detailed pictures that may be of some help:

<http://www.io.com/~n5fc/zm2.htm>  
<http://emtech.steadynet.com/gallery.shtml>

73/72 - Mike WA8BXN

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Date: Thu, 15 Jan 2004 17:57:30 -0500  
From: "K2PQ" <k2pq@comcast.net>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [165446] Re: \*\*\* \$50 permit (per year) REQUIRED to operate Radio in NY  
Park!!\*\*\*  
Message-ID: <01bf01c3dbba\$f44d6a20\$6600a8c0@DOWNSTAIRS>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> > Hi Group,  
> >  
> > Went out to Sunken Meadow St Park ( LI, NY ) today. Sun was nice but  
> > a bit cool! ;) The W1FE wanted to run, so I took along my DSW-20 and  
> > 10m pole. Set up was at the beach, on the boardwalk using the picnic  
> > tables that are there year round.  
> >  
> > Put the fiber pole into the hole for umbrellas ( removed the two  
> > bottom sections ) tape a wire onto it and pulled it up for a max  
> > height of 25ft. Worked N5DMC, Jerry of MS and K4YKI, Norm of KY on  
> > 2.5 watts...  
> >  
> > While I was working K4YKI, a State Park Police comes up to me and  
> > asks if I had a permit. I said I wasn't aware that one was needed...  
> > He says the pole is to tall and tells me to take it down... I say  
> > ok... before I get to ask any more questions, he's gone. So, I pack  
> > up, get the W1FE, walk over to the Park office to ask why I need a  
> > permit and under what ordinance....Of course the St PD is gone ( went  
> > home ) and the Park Office employees have no knowledge...  
> >  
> > SO , I have to wait till the Main Park office is open to get some  
> > answers.  
> >  
> > More to come on this!  
> >  
> > all best Tom aa2vk  
>  
>

Never thought I'd feel good about living in Jersey !!!!!!!

Put a fishing reel on the pole and get a fishing license.... cheaper.

The rigs a fish finder....

Frank.... K2PQ

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Date: Thu, 15 Jan 2004 23:07:06 -0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: <svholm2@broadpark.no>,



"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [165447] Re: Toroids and magnets  
Message-ID: <Law15-DAV32src2gqyq0000d948@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Sverre Holm" <svholm2@broadpark.no>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 15, 2004 9:45 PM  
Subject: Toroids and magnets

> I think I have seen warnings about not putting an antenna with a  
> magnetic mount close to a rig with toroids, because the toroids would be  
> permanently altered.  
>  
> Is this correct? and how close is too close for say my Elecraft K2? -  
> and what happens physically to the coils? Does it happen both to  
> ferrites and to iron-powder cores?

I had a bag full of ferrite cores that was being dumped where I once worked.  
It was marked "Avoid magnetic fields" but I don't know why. I haven't seen  
this mentioned in any of the ferrite data I've got.

73, Leon

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Leon Heller, G1HSM  
Email: aqzfl3@dsl.pipex.com  
My low-cost Philips LPC210x ARM development system:  
[http://www.geocities.com/leon\\_heller/lpc2104.html](http://www.geocities.com/leon_heller/lpc2104.html)

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End of QRP-L Digest 3166

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